

Human/Machine Interfaces

Magelis™ Panel PC
Magelis™ BOX PC

Catalog

October 2013



How to find the “Automation and Control” products

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Magelis™ Panel PC and Magelis™ BOX PC

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Industrial PCs

Magelis™ iPCs certified for automation

Rugged and certified for automation applications,
Choice of design

1

Magelis Panel PC and Magelis BOX PC

The Magelis iPC products are rugged and certified for automation applications and can be used in Maintenance-free, Harsh, and Standard industrial environments depending on the model.

The range consists of Magelis Panel PC (Optimum, Universal and Performance) with optional stainless steel bezel for dedicated applications and Magelis BOX PC (Universal and Performance).



Magelis Panel PC



Magelis BOX PC

Rugged and certified for automation applications

Rugged for various environments

The Magelis iPC range is extremely rugged, with maintenance-free models (no fan, static storage), LED backlight for Panel PC, high availability options (RAID HDD and Battery backup) and integrated system monitoring. Their resistance to temperature, vibration and shock allows them to operate continuously in extremely difficult environments.

The Magelis iPCs are suitable for automation requirements regarding Worldwide long-term availability, overlap timing to replace legacy ranges with same cut-out and extended timing for repair service.

Certified for automation systems

The Magelis iPC range is certified with the following:

- cULus (UL 508, CSA 22.2 no. 142), Industrial Control Equipment
- cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n° 213)
- ATEX II 3 Gas and Dust zone 2/22 in explosive atmospheres (1)
- Germanischer Lloyd (Bridge Class) for marine applications (1)
- C-Tick, GOST
- EN 1672-2 and FDA 21CFR 177.206 standards for Panel PC with stainless steel bezel

Certified for use in the most demanding automation systems, including industrial control equipments, hazardous locations, and marine applications.

Choice of design

Optimized design with Optimum range

The Panel PC Optimum range is designed for simple applications requiring capabilities like maintenance-free, entry level CPU, limited connectivity, static cards for storage, and Windows embedded OS. These screens which are aesthetically and ruggedly designed are also certified for automation.



Magelis Panel PC (Optimum)

- Resistive touch screen 10", 15" or 15" stainless steel, 16 million colors, IP 65, LED backlight.
- Intel® Atom™ Z510 1.1GHz fanless, 1Gb RAM.
- 2 gigabit Ethernet, 1 RS 232, 2 USB + 1 in front.
- Compact Flash (SLC technology), 1 SD card slot.

(1) Depending on the model.



Magelis iPCs → The new generation of industrial PCs

Choice of design (continued)

Modular and flexible design with Universal and Performance ranges

The modular design of Magelis Universal and Performance iPCs provides a complete and coherent range of referenced products. In addition, it allows Magelis Panel PCs and Magelis BOX PCs to be made-to-order.



Magelis Panel PC (Universal or Performance)

- Resistive touch screen 12", 15", 15" stainless steel or 19", 16 million colors, IP 65, LED backlight.
- Intel® Atom™ N270 1.6 GHz, Core™ 2 Duo 2.26 GHz or iCore™ 3rd generation.
- 0 to 2 PCI/PCI Express® slots, removable drives.
- 2 gigabit Ethernet, 4 USB + 1 in front, 1 DVI, up to 4 serial lines.



Magelis BOX PC

- 2 gigabit Ethernet, 4 USB + front, up to 2 DVI and 3 serial lines.
- Intel® Atom™ N270 1.6 GHz or Core™ 2 Duo 2.26 GHz.
- 1 to 5 PCI/PCI Express® slots.
- Removable drives: Compact Flash (SLC), Flash Disk (SSD) or HDD and DVD-RW.

Magelis iPCs support Vijeo Designer's "Intelligent Data Service" option and process Vijeo Designer data.

Ease of IT integration

Vijeo Designer and Vijeo Citect bundle offer



Vijeo Citect



Intelligent Data Service



Vijeo Designer

Magelis iPCs are supplied with Vijeo Designer Run Time Demo software (21-day trial version) including the Pac Drive driver which enables Magelis iPCs to interact directly with motion controllers.

Dedicated Magelis iPC models are bundled with Vijeo Citect SCADA software:

- DVD with software and documentation
- USB key with registered user rights
- 1-year support contract

SSD drives are used for SCADA systems due to large number read/write operations on storage drives. Vijeo Citect Web client is also available on models with Compact Flash storage drives. For field maintenance operations, "Build Time" versions of Unity and SoMachine PLC programming software are supported (requires minimum 2 GB RAM).

Integration into IT structures

Magelis iPCs run on Microsoft operating systems allowing connection of PC peripherals, large data storage, ease of connection to computers and databases, and simultaneous operation of several programs.

Depending on the iPC models, a wide choice of compatible operating systems are available.



2 built-in Ethernet ports of Magelis iPCs separate the IT and automation data flow, reinforcing the overall safety of the system.

Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ Panel PC and Magelis™ BOX PC

Type of Magelis iPC		Magelis Panel PC		
Industrial environments		Optimum range	Universal range	
		Maintenance-free	Maintenance-free	Standard
				
Fanless		★★★★★	★★★★★	★★★★★ (15" and 19" only)
Non-rotative storage drive		★★★★★	★★★★★	—
Sizes of color touch screen and front panel bezel material		☐ 10.4" Aluminium bezel ☐ 15" Aluminium or Stainless steel bezel ☐ 12" Aluminum Bezel ☐ 15" Aluminium or Stainless steel bezel ☐ 19" Aluminium bezel		
CPU (1)	Processor	Intel® ATOM™ Z510 (1.1 GHz)		
	PCI slot	0		
	Storage	Compact Flash card (SLC technology) and integrated SD card reader		
	RAM	1 or 2 GB		
Operating system		Windows® Embedded Standard 2009		
Supply voltage	Aluminium bezel versions	24 V ~		
	Stainless steel bezel versions	—		
Standards and certifications		☐ CE ☐ cULus ☐ cULus Haz Loc ☐ ATEX II 3 Gas and Dust Zone 2/22 (Optimum range 15" Stainless steel bezel version only) and ☐ ATEX II 3 Dust Zone 22 (Universal range 15" Stainless steel bezel version only) ☐ EN 1672-2 Food and beverage processing machines and FDA 21CFR 177.206 specific seals (Stainless steel bezel versions only) ...		
Marine certification		Bridge Class (only 24 V ~: Magelis Panel PC with 15" or 19" touch screen and Aluminium bezel) Require additional power supply filter HMIYLFIMAR11		
Software		Vijeo Designer Run Time Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (2) Vijeo Citect, depending on the model		
References	Aluminium bezel versions	HMIPWC●●●●●●	HMIPUC●●●●●● HMIPUF●●●●●●	HMIPUH●●●●●●
	Stainless steel bezel versions	HMIPVC7D0E01	HMIPTF7D2P01	HMIPTH7D2P01
Pages		2/2 and 2/3	2/6 and 2/7, 2/14 to 2/17	
Made-to-order configuration		See configured Magelis Panel PC on page 2/27		

(1) For other options available (interface for backup battery, 3rd serial port, etc.) in made-to-order configuration, see pages 2/27 (Magelis Panel PC) and 3/10 (Magelis BOX PC).
(2) 12" Aluminum Bezel models require additional SRAM interface HMIYPINSRAM61.
(3) Refer to "Magelis™ iDisplay catalog" on www.schneider-electric.com.

Magelis Panel PC		Magelis BOX PC			
Performance range		Universal range		Performance range	
Maintenance-free or Harsh	Standard	Maintenance-free	Standard	Harsh	Standard
					
★★★★★ (12" only)	—	★★★★★	—	—	—
★★★★★	—	★★★★★	—	★★★★★	—
☐ 12" Aluminum Bezel ☐ 15" Aluminium or Stainless steel bezel ☐ 19" Aluminium bezel		Compatible with all screens in the Magelis iDisplay range (3)			
Intel® i3 3 rd generation 3217UE Dual Core low power or Core 2 Duo P8400 (2.26 GHz) 0 or 2		Intel® ATOM™ N270 (1.6 GHz) 1 or 2		Intel® Core™ 2 Duo P8400 (2.26 GHz) + Intel® GM45 chipset 2 or 5	
Flash disk SSD	Hard disk	Compact Flash card (SLC technology) or Flash disk SSD	Hard disk	Flash disk SSD	Hard disk
2 or 4 GB		1 or 2 GB		2 or 4 GB	
Windows® 7 Ultimate 64-bit		Windows® Embedded Standard 2009 or Windows® XP Professional SP3	Windows® XP Professional SP3	Windows® 7 Ultimate 64-bit	
24 V ~ or 100...240 V ~		24 V ~			
100...240 V ~		—			
☐ CE ☐ cULus ☐ cULus Haz Loc ☐ ATEX II 3 Dust Zone 22 (Stainless steel bezel versions only) ☐ EN 1672-2 Food and beverage processing machines and FDA 21CFR 177.206 specific seals (Stainless steel bezel versions only) ... —		☐ CE ☐ cULus ☐ cULus Haz Loc ☐ ATEX II 3 Dust Zone 22 ... Bridge Class		—	
Vijeo Designer Run Time Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (2) Vijeo Citect, depending on the model					
HMIPPF●●●●●●	HMIPPH●●●●●●	HMIBUCN●●●●●● HMIBUFN●●●●●●	HMIBUHN●●●●●●	HMIBPFD●●●●●●	HMIBPHD●●●●●●
—	HMIPRH7A2701	—	—	—	—
2/14 to 2/17		3/2 and 3/3			
See configured Magelis Panel PC on page 2/27		See configured Magelis BOX PC on page 3/10			

Magelis™ Panel PC Optimum range**Selection guide** page 2/2**■ Presentation**

- Overview of Optimum range
 - Magelis Panel PC Optimum range page 2/4
 - Made-to-order Magelis Panel PC Optimum range page 2/4

■ Description

- 10.4" and 15" (aluminium or stainless steel bezel) page 2/4
 - Front panels page 2/4
 - Common rear panel page 2/4
 - Common underside page 2/4
- USB accessories for HMI terminals page 2/5

■ Reference

- Magelis Optimum Panel PC - 10.4" or 15" LCD TFT LED touch screen page 2/5

Magelis™ Panel PC Universal and Performance ranges**Selection guide of Magelis Panel PC Universal and Performance with 12" touch screen** page 2/6**■ Presentation**

- Overview of the range
 - Magelis Panel PC Universal with 12" touch screen page 2/8
 - Magelis Panel PC Performance with 12" touch screen page 2/9
 - Made-to-order Magelis Panel PC Universal and Performance ranges page 2/9

■ Description

- Magelis Universal and Performance Panel PC: 12" page 2/10
- Magelis Universal and Performance Panel PC: 12", without Slots expansion module page 2/10
- Magelis Universal and Performance Panel PC: 12", without Slots expansion module page 2/11
- Magelis Universal and Performance Panel PC: 12", with Slots expansion module page 2/12

■ References

- Magelis Universal Panel PC - 12" LCD TFT LED touch screen page 2/13
- Magelis Performance Panel - 12" LCD TFT LED touch screen page 2/13

Selection guide of Magelis Panel PC Universal range with 15" and 19" touch screens page 2/14**■ Presentation**

- Overview of the range
 - Magelis Panel PC Universal range with 15" and 19" touch screens page 2/18
 - Magelis Panel PC Performance range page 2/19
 - Made-to-order Magelis Panel PC Universal and Performance ranges page 2/19
- USB accessories for HMI terminals page 2/19

■ Description

- Magelis Universal and Performance Panel PC 15" and 19" *page 2/20*
- Magelis Universal and Performance Panel PC,
15" and 19", no PCI slot *page 2/21*
- Magelis Universal and Performance Panel PC,
15" and 19", 2 PCI slots *page 2/21*

■ Reference

- Magelis Universal Panel PC - 15" LCD TFT LED touch screen *page 2/22*
- Magelis Performance Panel - 15" LCD TFT LED touch screen *page 2/23*
- Magelis Universal Panel PC - 19" LCD TFT LED touch screen *page 2/24*
- Magelis Performance Panel - 19" LCD TFT LED touch screen *page 2/25*

■ Separate components for Magelis Panel PC *page 2/26*

■ Substitution

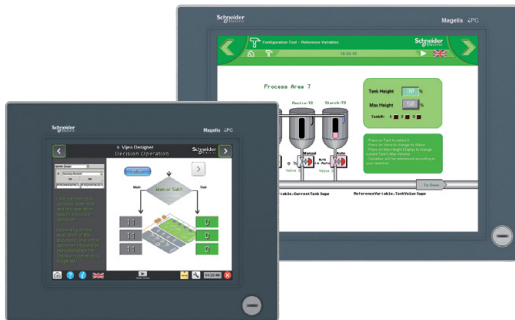
- Configured Magelis Panel PC *page 2/29*

Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ Panel PC
Optimum range with 10.4" or 15" touch screen

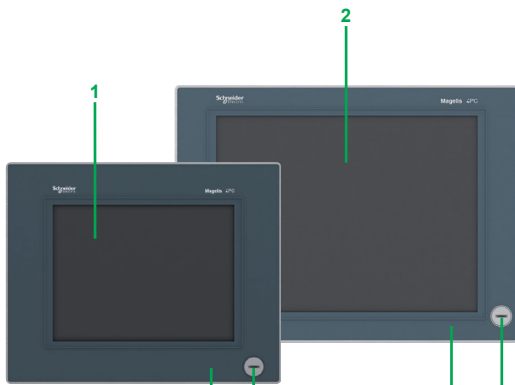
Type		Optimum range - 10.4" touch screen	
Industrial environments		Maintenance-free (with Aluminium front panel bezel)	
			
★★★★★		★★★★★	
Non-rotative storage drive			
Screen	Type	10.4" LCD TFT LED touch screen	
	Definition	SVGA 800 x 600, 16 million colors	
	Degree of protection	IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door	
	Front panel bezel material	Aluminum	
CPU	Processor	Intel® ATOM™ Z510 (1.1 GHz)	
	Operating system storage	Compact Flash card ≥ 2 GB (SLC technology)	Compact Flash card ≥ 4 GB (SLC technology)
	User storage	Integrated SD card reader	
	RAM (1)	1 GB	2 GB
	Integrated ports	2 x Ethernet 10/100/1000 Mbps 1 x USB 2.0 (1 A) on the front panel + 2 x USB 2.0 (1 A) on the underside 1 x RS232C	
Operating system		Windows® Embedded Standard 2009	
Supply voltage	Voltage	24 V $\pm$ (± 25 %)	
	Current	Nominal current 1.9 A. Typical inrush current 3 A, 50 A < 300 μ s	
Overall dimensions (W x H x D)/Cut-out (W x H)		323 x 260 x 72 mm/Cut-out: 303 x 243 mm	
Temperature	During operation	0...50 °C, conforming to IEC 61132-2, UL 508	
Vibration resistance during operation	Continuous	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (2)	
	Non-continuous	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (2)	
	Merchant navy IACS E10	–	
Shock resistance	during operation	15 g/11 ms conforming to IEC 60068-2-27 test Ea	
Standards and certifications		CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST	
Marine certification	Germanischer Lloyd (Bridge Class)	–	
ATEX certification		–	
Software		Acrobat Reader, Word/Excel/Power Point Viewer, Framework.Net 3.5, Web browser Vijeo Designer Run Time Demo 21-day trial version (3) Vijeo Citect Web Client	
References of Aluminium bezel versions	With Vijeo Designer Run Time Demo, 21-day version (3)	HMIPWC5D0E01	HMIPWC5D0E01A
References of Stainless steel bezel versions	With Vijeo Designer Run Time Demo, 21-day version (3)	–	
Pages		2/5	
Made-to-order configuration		See configured Magelis Panel PC on page 2/27	

(1) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).
(2) Conforming to IEC 60068-2-6 Fc.
(3) Unlimited license, to be ordered separately (VJDSNRTMPC).

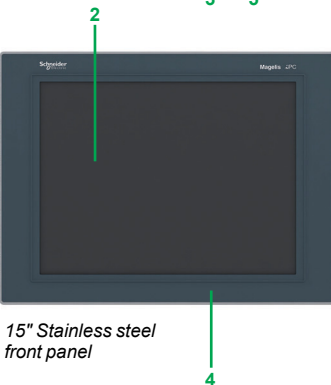
Optimum range - 15" touch screen	
Maintenance-free (with Aluminium or Stainless steel front panel bezel)	
	
★★★★★	
★★★★★	
15" LCD TFT LED touch screen	
XGA 1024 x 768, 16 million colors	
IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door	
Aluminium or Stainless steel	
Intel® ATOM™ Z510 (1.1 GHz)	
Compact Flash card ≥ 2 GB (SLC technology)	
Integrated SD card reader	
1 GB	
2 x Ethernet 10/100/1000 Mbps	
1 x USB 2.0 (1 A) on the front panel + 2 x USB 2.0 (1 A) at the bottom	
1 x RS232C	
Windows® Embedded Standard 2009	
24 V $\pm$ (± 25 %)	
Nominal current 1.9 A. Typical inrush current 3 A, 50 A < 300 μ s	
402 x 301 x 72 mm/Cut-out: 383.5 x 282.5 mm	
0...50 °C, conforming to IEC 61132-2, UL 508	
1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (2)	
3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (2)	
1 mm from 3...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance	
15 g/11 ms conforming to IEC 60068-2-27 test Ea	
☐ CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST ☐ EN 1672-2 Food and beverage processing machines and FDA 21CFR 177.206 specific seals (Stainless steel bezel versions only) Requires additional power supply filter HMIYLFIMAR11 (Aluminium bezel versions only)	
ATEX II 3 Gas and Dust zone 2/22 (Stainless steel bezel versions only)	
Acrobat Reader, Word/Excel/Power Point Viewer, Framework.Net 3.5, Web browser Vijeo Designer Run Time Demo 21-day trial version (3) Vijeo Citect Web Client	
HMIPWC7D0E01	
HMIPVC7D0E01	
2/5	
See configured Magelis Panel PC on page 2/27	



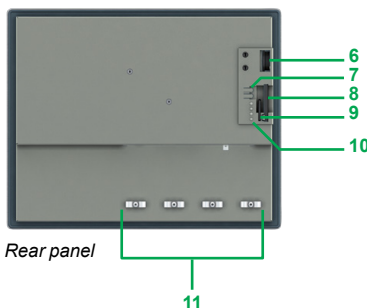
10.4" and 15" Magelis PC Panel



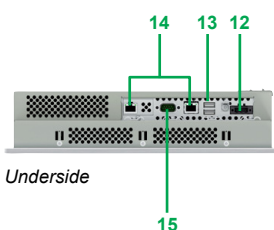
10.4" and 15" front panels Aluminum



15" Stainless steel front panel



Rear panel



Underside

Presentation

The Magelis Panel PC Optimum range offers products that are rugged and certified for automation applications. These products, offering an optimized design also feature compact dimensions, particularly in terms of depth.

They are specifically designed for use in maintenance-free environments and can be easily integrated into IT systems. Versions are available with a stainless steel front panel bezel.

Overview of Optimum range

Magelis Panel PC Optimum range

The Magelis Panel PC Optimum range is equipped with a fanless Intel® ATOM™ Z510 processor (1.1 GHz) and DDR2 RAM (1).

This range is available with 10.4" or 15" LCD TFT LED touch screen of 16 million colors, fanless, with a solid-state storage disk:

- **HMIPWC5D0E01, HMIPWC5D0E01A and HMIPWC7D0E01:**
 - IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door
 - Compact Flash card (operating system)/integrated SD card reader (user data)/ Windows® Embedded Standard 2009/24 V --- power supply.

Made-to-order Magelis Panel PC Optimum range

On Magelis Optimum Panel PC bases, the CPU can be customized by selecting the capacity of RAM and Compact Flash card. For more information on HMIPCCW offer see page 2/29.

Description

10.4" (Aluminium bezel) and 15" (Aluminium or Stainless steel bezel) Magelis Optimum Panel PC

Front panels

- 1 10.4" LCD TFT LED touch screen (SVGA 800 x 600) with 16 million colors for **HMIPWC5D0E01** and **HMIPWC5D0E01A**:
 - Brightness: 450 cd/m² (adjustable)
 - Type of touch panel: Analog resistive film, resolution 4096 x 4096
 - Typical viewing angle: 120° (vertically)/160° (horizontally)
 - 2 15" LCD TFT LED touch screen (XGA 1024 x 768) with 16 million colors for **HMIPWC7D0E01**:
 - Brightness: 350 cd/m² (adjustable)
 - Type of touch panel: Analog resistive film, resolution 4096 x 4096
 - Typical viewing angle: 100° (vertically)/160° (horizontally)
 - 3 Aluminum alloy front panel providing IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door; mounted on 1.6...10 mm/0.063...0.394 in. thick support using the supplied screw fasteners (2)
- or
- Stainless steel 304 "Scotch Brite®" brushed finish front panel enabling an IP 65 and Nema 4X indoor degree of protection when mounted on a panel or an enclosure door. Mounted on 1.6...10 mm/0.063...0.394 in. thick support using stainless steel screw fasteners supplied (2). Simplifies cleaning because of the absence of USB port on front panel (conforms to food and beverage processing machines standard EN 1672-2). The front panel is fitted with specific seals (standard FDA 21 CFR 177.206)
- 4 USB 2.0 port (1 A max.) with screw-on protective cover (only available for Aluminium version); captive protective cover option also available (3)

Common rear panel

- 5 Battery
- 6 2 pushbuttons: 1 for power supply and 1 for resetting
- 7 Compact Flash card (SLC technology) ≥ 2 or 4 GB specifically for the operating system
- 8 SD card reader for user data - SD card optional (3)
- 9 4 status and power supply LEDs
- 10 Cable clamps

Common underside

- 11 24 V ---/1.9 A power supply connector
- 12 2 USB 2.0 ports (1 A max.)
- 13 2 Ethernet 10/100/1000 Mbps ports
- 14 RS232C port

(1) Not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(2) For installation, please refer to the "product data sheet" on our website www.schneider-electric.com.

(3) To be ordered separately (see page 2/26).

USB accessories for HMI terminals

The Magelis™ USB accessories expand the selection range of user applications by offering value-added/differentiated HMI solutions. These innovative USB accessories can be easily installed and operated with HMI terminals (6).

The Magelis USB accessories supported by Magelis Panel PC include:

- Harmony XB5S biometric USB switch
- Magelis HMIZ illuminated USB switch

For more information on HMI USB accessories, please refer to our website www.schneider-electric.com.

Magelis Optimum Panel PC - 10.4" or 15" LCD TFT LED touch screen (1)
(Intel® ATOM™ Z510 processor (1.1 GHz)/DDR2 RAM/24 V ~ supply voltage) (2)

Screen type	Operating system	Software	Storage	DDR2 RAM (3)	Reference	Weight kg/lb
For maintenance-free environment (with Aluminium front panel bezel)						
10.4" LCD TFT LED touch screen SVGA 800 x 600, 16 million colors IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Operating system: Compact Flash ≥ 2 GB User: 1 SD memory card reader (card available separately)	1 GB	HMIPWC5D0E01	4.400/ 9.700
	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Operating system: Compact Flash ≥ 4 GB User: 1 SD memory card reader (card available separately)	2 GB	HMIPWC5D0E01A	4.400/ 9.700
15" LCD TFT LED touch screen XGA 1024 x 768, 16 million colors IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Operating system: Compact Flash ≥ 2 GB User: 1 SD memory card reader (card available separately)	1 GB	HMIPWC7D0E01	6.100/ 13.449

For maintenance-free environment (with Stainless steel front panel bezel)

15" LCD TFT LED touch screen XGA 1024 x 768, 16 million colors IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Operating system: Compact Flash ≥ 2 GB User: 1 SD memory card reader (card available separately)	1 GB	HMIPVC7D0E01	6.300/ 13.889
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(1) For separate components, software and external power supply see page 2/26.

(2) For an ~ supply voltage, an external Phaseo power supply can be used (see page 2/26).

(3) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(4) Windows® Embedded Standard 2009 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian). Also includes:

- Acrobat Reader, Word/Excel/Power Point Viewer
- Framework.Net 3.5
- Web browser
- Vijeo Citect Web Client
- Vijeo Designer Run Time Demo (5)

(5) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (**VJDSNRTMPC**) (see page 2/26).

(6) Requires Vijeo Designer software running on Magelis Panel PC.



HMIPWC5D0E01
(screen side)



HMIPWC7D0E01
(screen side)



HMIPWC•D0E01
(CPU side)

Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ Panel PC
Universal and Performance ranges with 12" touch screen

Type	Universal range - 12" touch screen			
Industrial environments	Maintenance-free (with Aluminium bezel)			
				
Fanless	★★★★★		★★★★★	
Non-rotative storage drive	★★★★★		★★★★★	
Screen	Type	12" LCD TFT LED touch screen		
	Definition	XGA 1024 x 768, 16 million colors		
	Degree of protection	IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door		
	Front panel bezel material	Aluminum		
CPU (1)	Processor	Intel® iCore™ 3 rd generation 827E low power		
	Fan	–		
	Default storage (user removable)	CFast card ≥ 4 GB (SLC technology)	Flash disk ≥ 60 GB	
	Storage slots (user accessible)	1 Cfast + 1 Slide-in Compact		
	RAM (16 GB max. in 2 slots)	2 GB in 1 slot, user extendable (1)		
	Slots expansion module	(to be added by user) (1)		
	Integrated DVD-RW drive	(to be added by user) (1)		
	Integrated ports	2x Ethernet 10/100/1000 Mbps		
		1x USB 2.0 (1 A) on the front panel + 4x USB 2.0 (0.5 and 1 A) at the top		
		2 x RS232C		
	Optional ports	2 interface modules slots user accessible (1)		
	Optional internal RAID	–		
	Operating system	Windows® Embedded Standard 2009	Windows® 7 Ultimate 64-bit	
	Overall dimensions (W x H x D)/Cut-out (W x H)		313 x 239 x 60 mm/307.25 x 233.25 mm	
Temperature	During operation	0...50 °C, conforming to IEC 61132-2, UL 508		
Vibration resistance during operation	Continuous	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (conforming to IEC 60068-2-6 Fc)		
	Non-continuous	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (conforming to IEC 60068-2-6 Fc)		
	Merchant navy IACS E10	1 mm amplitude from 3...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance		
Shock resistance	During operation	15 g/11 ms conforming to IEC 60068-2-27 test Ea		
Standards and certifications		CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST		
Software	Vijeo Designer Run Time Demo			
References of Aluminium bezel versions	24 V ~	HMIPUC6D0E01	HMIPUF6D0701	
	100...240 V ~	HMIPUC6A0E01	HMIPUF6A0701	
Pages	2/13			
Made-to-order configuration	See configured Magelis Panel PC on page 2/27			

(1) Other options (interface for backup battery, 3rd RS232/422/485 port, SRAM, PCI/Express® slots, extended RAM, etc.) to be installed by user or in made-to-order configuration (see page 2/27).
(2) Half size PCI 2.2 32-bit and half size PCI Express® 1.0 8x 2 Gb/s
(3) Conforming to IEC 60068-2-6 Fc.

Universal range - 12" touch screen		Performance range - 12" touch screen	
Standard (with Aluminium bezel)		Maintenance-free (with Aluminium bezel)	
Standard (with Aluminium bezel)			
			
★★★★★	★★★★★	—	
—	★★★★★	—	
12" LCD TFT LED touch screen			
XGA 1024 x 768, 16 million colors			
IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door			
Aluminum			
Intel® iCore™ 3 rd generation 827E low power		Intel® i3 iCore™ 3 rd generation 3217UE dual core low power	
1 (user exchangable)		1 (user exchangable)	
Hard disk enterprise 24/7 ≥ 500 GB		Flash disk ≥ 60 GB Hard disk enterprise 24/7 ≥ 500 GB	
1 CFast + 1 Slide-in Compact		1 CFast + 1 Slide-in Compact + 1 slide-in (of Slots expansion module)	
2 GB in 1 slot, user extendable (1)		4 Gb in 1 slot, user extendable (1)	
(to be added by user) (1)		1 PCI + 1 Express® + 1 slide-in (Slots expansion module removable by user) (2)	
(to be added by user) (1)		1 (in slide-in of Slots expansion module)	
2x Ethernet 10/100/1000 Mbps			
1x USB 2.0 (5 A) on the front panel + 4x USB 3.0 (depending on OS and driver support at the bottom)			
2 x RS232C			
2 interface modules slots user accessible (1)			
—		Require 2 HDD (1 in slide compact and 1 slide-in of the Slots expansion module)	
Windows® 7 Ultimate 64-bit			
313 x 239 x 60 mm/307.25 x 233.25 mm		313 x 239 x 135 mm/307.25 x 233.25 mm	
0...50 °C, conforming to IEC 61132-2, UL 508			
0.125 g from 5...100 Hz		0.125 g from 5...100 Hz	
0.250 g from 5...100 Hz		0.250 g from 5...100 Hz	
—			
15 g/11 ms conforming to IEC 60068-2-27 test Ea			
CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST			
21-day trial version. Unlimited license, to be ordered separately (VJDSNRTMPC) and requires additional SRAM interface HMIYPINSRAM61 (1)			
HMIPUH7D0P01		(by user removable AC module)	
HMIPUH7A0P01		HMIPPF6A2701	
		HMIPPH6A2701	
See configured Magelis Panel PC on page 2/13			

Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ Panel PC

Universal and Performance ranges with 12" touch screen

2



12" Magelis Universal Panel PC



12" Magelis Performance Panel PC

Presentation

The Magelis Panel PC Universal and Performance ranges with 12" touch screen offer products that are rugged and certified for automation applications. They are suitable for various uses in the following environments:

- Maintenance-free
- Harsh
- Standard

The ultra-modular design of Panel PCs with 12" touch screen allows user to adapt the units configuration. Main options like interface for backup battery, 3rd RS232/422/485 port, SRAM, PCI/PCI Express® slots, extended RAM, fan if any, and AC power module are all user accessible. The 12" touch screen is an XGA LCD TFT LED 16 million color touch screen with IP 65 front panel protection when mounted on a panel or an enclosure door.

This modularity provides a complete and coherent offer. In addition, Magelis Panel PCs can be made-to-order (see page 2/27) or adapted by the user himself according to the current and future needs.

The Panel PCs are equipped with powerful iCore 3rd generation CPUs having extended graphic capabilities. These low power consumption CPUs when combined with aluminum die cast housing technology improves heat dissipation and allows fanless operations.

Overview of the range

Magelis Panel PC Universal with 12" touch screen (1)

The Magelis Panel PC Universal range with 12" touch screen is equipped with a low power Intel® iCore 3rd generation 827E and user-expandable DDR3 RAM.

This range is designed for the following environments:

- Maintenance-free (fanless, with non-rotating storage drive):
 - **HMIPUC6D0E01 and HMIPUC6A0E02:**
 - No default PCI/PCI Express® slots, but Slots expansion module can be mounted by user
 - CFast card/Windows® Embedded Standard 2009
 - 24 V $\overline{\text{---}}$ power supply or 100...240 V $\sim$ power supply module pre-mounted
 - **HMIPUF6D0701 and HMIPUF6A0701:**
 - No default PCI/PCI Express® slots, but Slots expansion module can be mounted by user
 - Flash disk SSD/Windows® 7 Ultimate 64-bit
 - 24 V $\overline{\text{---}}$ power supply or 100...240 V $\sim$ power supply module pre-mounted
- Standard industrial environments (with Hard disk):
 - **HMIPUH6D0701 and HMIPUH6A0701:**
 - No default PCI/PCI Express® slots, but Slots expansion module can be mounted by user
 - Hard disk/Windows® 7 Ultimate 64-bit
 - 24 V $\overline{\text{---}}$ power supply or 100...240 V $\sim$ power supply module pre-mounted

(1) For description, see pages 2/10 to 2/12.

Presentation (continued)

Overview of the range (continued)

Magelis Panel PC Performance with 12" touch screen (1)

The Magelis Panel PC Performance range with 12" touch screen is equipped with a low power Intel® i3 iCore 3rd generation 3217UE and user-expandable DDR3 RAM.

This range is designed for the following environments:

- Maintenance-free (fanless, with non-rotating storage drive):
 - **HMIPPF6A2701**
 - 1 PCI + PCI Express® (Half size PCI 2.2 32-bit and half size PCI Express® 1.0 8x 2 Gbps).
 - DVD-RW
 - Flash disk SSD/Windows® 7 Ultimate 64-bit
 - 100...240 V a power supply module pre-mounted (user removable access to 24 V ~ power supply)
- Standard industrial environments (with Hard disk):
 - **HMIPPH6A2701**:
 - 1 PCI + PCI Express® (Half size PCI 2.2 32-bit and half size PCI Express® 1.0 8x 2 Gbps).
 - DVD-RW
 - Hard Disk/Windows® 7 Ultimate 64-bit
 - 100...240 V ~ power supply module pre-mounted (user removable access to 24 V ~ power supply)

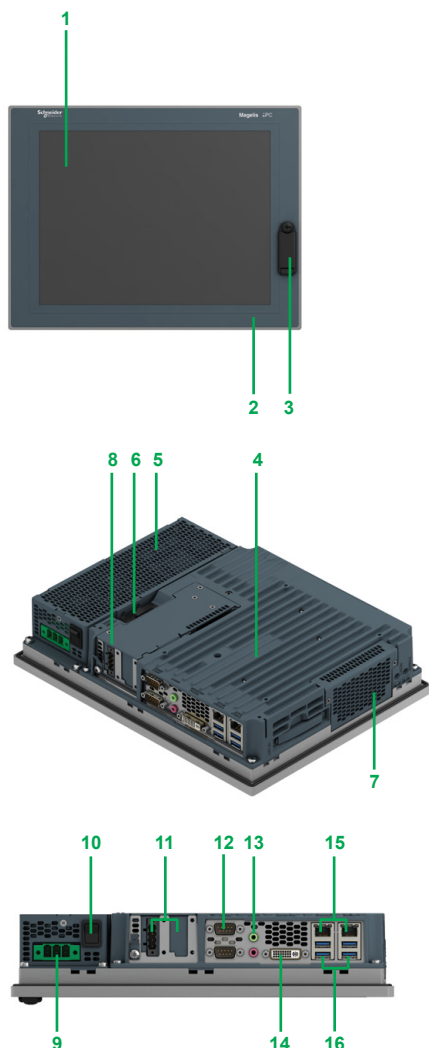
Made-to-order Magelis Panel PC Universal and Performance ranges

On Magelis Panel PC Universal and Performance bases, it is possible to configure the units by selecting:

- The capacity of the Compact Flash cards, CFast cards, Flash disk SSD and RAM
- The number of PCI and PCI Express® slots
- The operating system and dedicated HMI software
- Additional options: Internal RAID with 2 redundant Hard disks, interface for backup battery, power supply module, third RS 485 port

For more information on HMIPCC offer, see page 2/29.

(1) For description, see pages 2/10 to 2/12.



Description

Magelis Universal and Performance Panel PC: 12" (aluminium bezel)

Front panel

- 1 12" LCD TFT LED touch screen, XGA 1024 x 768, 16 million colors for **HMI●●●6●●●●●●**:
 - Brightness: 500 cd/m² (stepless adjustable)
 - Type of touch panel: Analog resistive film, resolution 12-bit
 - Typical viewing angle: 80° (vertically)/80° (horizontally)
 - LED life span > 50 000 H at 25 °C (77 °F)
- 2 Aluminum alloy front panel providing IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door; mounted on 1.6...9 mm thick support using the screw fasteners supplied (1)
- 3 USB 2.0 port (0.5 A max.) with screw-on captive protective cover

Magelis Universal and Performance Panel PC: 12", without Slots expansion module

Rear panel

- 4 Aluminum die cast housing for improved heat dissipation. Combined with low power iCore 3rd generation CPUs, this technology allows fanless operations with static drives, up to 50 °C environment (1).
- 5 AC power module **HMIYPMAC61** (100...240 V ~, 45/65 Hz, 0.6... 2A) pre-mounted on Panel PC 12" **HMI●●●●6A●●●●** and user removable, or direct access to DC power connector for **HMI●●●●6D●●●●** (24 V ~ ±/-25 %, 130 W max.) (2).
- 6 User access to internal battery backing up real-time clock (RTC) and BIOS settings
- 7 User access to the 2x DDR3 RAM slots and the Slide-in compact slot for storage drive
- 8 User access to interface module slots and mount Slot expansion module **HMI●●●●6D●●●●** (3).

Underside

- 9 Connector for AC power module **HMIYPMAC61** (100...240 V ~, 45/65 Hz, 0.6...2A) pre-mounted on Panel PC 12" **HMI●●●●6A●●●●** and user removable, or direct access to DC power connector
- 10 On/Off switch for AC power module **HMIYPMAC61** pre-mounted on Panel PC 12" **HMI●●●●6A●●●●**
- 11 2 slots for interface modules with following restrictions:

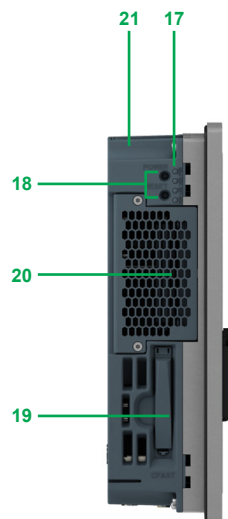
Panel PC	Part Number	Slot 1	Slot 2
UPS interface module (3)	HMIYPUPIST61	X	–
SRAM interface module (3)	HMIYPIINSRAM61	–	X
RS232/422/485 interface module (3)	HMIYPIINSL61	X	X

- 12 2 RS232C ports
- 13 Micro input, line input/line output
- 14 DVI port - RGB connection with adaptor (**HMIYADDVIRGB11**) (3)
- 15 2 Ethernet 10/100/1000 Mbps ports
- 16 4 USB 3.0 ports (1 A max.)

(1) For installation, please refer to the "product data sheet" on our website www.schneider-electric.com.

(2) Consumption excluding additional PCI/PCI Express® card.

(3) To be ordered separately as an accessory (see pages 2/26 and 2/27).



Description (continued)

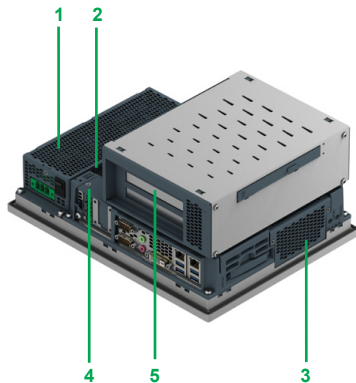
Magelis Universal and Performance Panel PC: 12", without Slots expansion module

Side panel

- 17** 4 status and power supply LEDs
- 18** 2 pushbuttons: 1 for power supply and 1 for resetting
- 19** Slot for CFAST card:
 - With CFAST (SLC technology) ≥ 4 GB (Panel PC **HMIPUC●D0E01**)
 - Free slot (Panel PC **HMIP●●F6●0●●1**, **HMIP●H6●●0●●1**)
- 20** User access to the 2x DDR3 RAM slots expandable up to 16 GB and the Slide-in compact slot for storage drive:
 - With 2 GB RAM in 1 slot (Panel PC **HMIPUC6●0E01**). Free slide-in compact slot can be used directly for an additional Flash disk SSD, Hard disk SSD or with adaptor (**HMIYADCF61**) (3) for a second CFAST
 - With 2 GB RAM in 1 slot + Flash disk SSD ≥ 60 GB (Panel PC **HMIPUF6●0701**)
 - With 2 GB RAM in 1 slot + Hard disk ≥ 500 GB (Panel PC **HMIPUF6●0701**)
- 21** User access to fan (Panel PC **HMIP●H6●●●●●●**) (4) or natural convection (Panel PC **HMIP●C6●●●●●●** and **HMIP●F6●●●●●●**)

(3) To be ordered separately as an accessory (see page 2/26).

(4) User can add or replace fan, with fan kit **HMIYPFKT061** (to be ordered separately, see page 2/26).



Description (continued)

Magelis Universal and Performance Panel PC: 12", with Slots expansion module

Rear panel

- 1 AC power module **HMIYPMAC61** (100...240 V ~, 45/65 Hz, 0.6...2A) pre-mounted on Panel PC 12" **HMI●●●6A●●●** and user removable, or direct access to DC power connector (24 V ~ +/-25 %, 130 W max.) (2).
- 2 User access to internal battery, backing up real-time clock (RTC) and BIOS settings
- 3 User access to the 2x DDR3 RAM slots and the Slide-in compact slot for storage drive
- 4 User access to interface module slots
- 5 Slot expansion module pre-mounted on Panel PC **HMIPP●6●2●●●**

Underside

- 6 Connector for AC power module **HMIYPMAC61** (100...240 V ~, 45/65 Hz, 0.6...2A) pre-mounted on Panel PC 12" **HMI●●●6A●●●**, or direct access to DC power connector
- 7 On/Off switch for AC power module **HMIYPMAC61** pre-mounted on Panel PC 12" **HMI●●●6A●●●**
- 8 2 slots for interface modules with following restrictions:

Panel PC	Part Number	Slot 1	Slot 2
UPS interface module (3)	HMIYPUISINT61	X	–
SRAM interface module (3)	HMIYPIINSRAM61	–	X
RS232/422/485 interface module (3)	HMIYPINSL61	X	X

- 9 2 RS232C ports
- 10 Micro input, line input/line output
- 11 DVI port - RGB connection with adaptor (**HMIYADDVIRGB11**) (3)
- 12 2 Ethernet 10/100/1000 Mbps ports
- 13 4 USB 3.0 ports (1 A max.)
- 14 Slots expansion module (Panel PC **HMIPP●6A2701**)
- 15 Slot for half size PCI Express® 1.0 8x 2 Gbps
- 16 Slot for half size PCI 2.2 32-bit

Side panel

- 17 4 status and power supply LEDs
- 18 2 pushbuttons: 1 for power supply and 1 for resetting
- 19 User access to the 2x DDR3 RAM slots which is expandable up to 16 GB and the Slide-in compact slot for storage drive:
 - ☐ With 4 GB RAM in 1 slot + Hard Disk ≥ 500 GB (Panel PC **HMIPPF6A2701**)
 - ☐ With 4 GB RAM in 1 slot + Flash disk SSD ≥ 60 GB (Panel PC **HMIPPH6A2701**)
- 20 Slot for CFast card:
 - ☐ Free slot (Panel PC **HMIPP●6●2●●1**)
- 21 Slots expansion module (Panel PC **HMIPP●6A2701**)
- 22 Slide-in slot with the DVD-RW drive included (4). Can be used for an additional storage disk with adaptor (**HMIYADSLIDEIN61**) (3)
- 23 User access to fan (Panel PC **HMIP●H6●●●●●**) (5) or natural convection (Panel PC **HMIP●C6●●●●●** and **HMIP●F6●●●●●**)

(1) For installation, please refer to the "user manual" on our website www.schneider-electric.com.

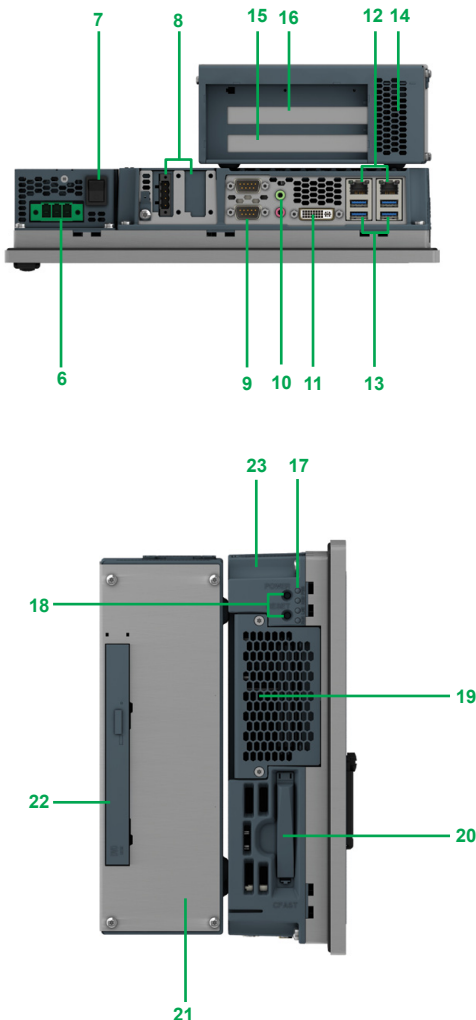
(2) Consumption excluding additional PCI/PCI Express® card.

(3) To be ordered separately as an accessory (see pages 2/26 and 2/27).

(4) Operating temperature details available on our website www.schneider-electric.com.

(5) User can add or replace fan, with fan kit **HMIYPFKT061** (to be ordered separately, see page 2/26).

(6) SRAM interface modules must be installed to run Vijeo Designer Run Time.



Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ Panel PC

Universal and Performance ranges with
12" touch screen



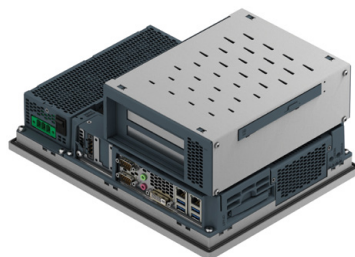
HMIPUC6D0E01
(Screen side)



HMIPUC6D0E01
CPU side



HMIPPF6A2701
(Screen side)



HMIPPF6A2701
CPU side

Magelis Universal Panel PC - 12" LCD TFT LED touch screen (1) (2)

Intel iCore 3rd generation 827E low power

Supply voltage (6)	Operating system	Software	Storage	DDR3 RAM (3)	Reference	Weight kg/lb
For maintenance-free environment						
24 V $\sim$ No PCI slot	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	CFlash card $\geq$ 4 GB (SLC technology)	2 GB in 1 slot	HMIPUC6D0E01	4.000/ 8.818
240 V $\sim$ No PCI slot	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	CFlash card $\geq$ 4 GB (SLC technology)	2 GB in 1 slot	HMIPUC6A0E01	4.000/ 8.818

24 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	2 GB in 1 slot	HMIPUF6D0701	4.000/ 8.818
240 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	2 GB in 1 slot	HMIPUF6A0701	4.000/ 8.818

For standard industrial environment

24 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB in 1 slot	HMIPUH6D0701	4.000/ 8.818
240 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB in 1 slot	HMIPUH6A0701	4.000/ 8.818

Magelis Performance Panel - 12" LCD TFT LED touch screen (1) (2)

Intel i3 iCore 3rd generation 3217UE dual core low power

Supply voltage (6)	Operating system	Software	Storage	DDR3 RAM (3)	Reference	Weight kg/lb
For maintenance-free environment						
240 V $\sim$ 2 PCI/ PCI Express® slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	4 GB in 1 slot	HMIPPF6A2701	4.200/ 9.259
For standard industrial environment						
240 V $\sim$ 2 PCI/ PCI Express® slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	4 GB in 1 slot	HMIPPH6A2701	4.200/ 9.259

(1) 12" touch screen: XGA 1024 x 768, 16 million colors, IP 65 and Nema 4X indoor front panel protection when mounted on panel or an enclosure door.

(2) For separate components and software, see page 2/27.

(3) Memory capacity user-expandable up to 16 GB in 2 slots.

(4) Windows® Embedded Standard 2009 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian). Also includes:

- Acrobat Reader, Word/Excel/Power Point Viewer
- Framework.Net 3.5
- Web browser
- Vijeo Citect Web Client
- Vijeo Designer Run Time Demo (5)

(5) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) + requires additional SRAM interface HMIYPINSRAM61, see page 2/26.

(6) AC models come with removable AC to DC power module and the user can also mount additional AC power module HMIYPMAC61 in DC models, see page 2/26.

Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ Panel PC
Universal and Performance ranges with 15" touch screen

Type		Universal range - 15" touch screen (no PCI slot)		
Industrial environments		Maintenance-free (with Aluminium bezel)		Standard (with Aluminium bezel)
				
Fanless		★★★★★	★★★★★	★★★★★
Non rotative storage drive		★★★★★	★★★★★	—
Screen	Type	15" LCD TFT LED touch screen		
	Definition	XGA 1024 x 768, 16 million colors		
	Degree of protection	IP 65 and Nema 4x indoor front panel protection when mounted on panel or enclosure door		
	Front panel bezel material	Aluminum		
CPU (1)	Processor	Intel® ATOM™ N270 (1.6 GHz)		
	PCI slot	—		
	Storage	Compact Flash card ≥ 4 GB (SLC technology)	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
		1 GB	HMIPUF7●0P01: 1 GB HMIPUF7D0PL1: 2 GB	1 GB
	RAM (2)	—		
	Integrated DVD-RW drive	1x slide-in compact rack for storage disk		
	Slide-in rack for peripheral device			
	Integrated ports	2x Ethernet 10/100/1000 Mbps 1x USB 2.0 (1 A) on the front panel + 4 x USB 2.0 (0.5 and 1 A) at the top 2x RS232C/1x DVI (VGA RGB adaptor, optional) 1x RS232C/RS422/RS485 (option only available in made-to-order configuration) (1)		
	Optional ports	—		
	Optional RAID PCI card	—		
	Operating system		Windows® Embedded Standard 2009	Windows® XP Professional SP3
Overall dimensions (W x H x D)/Cut-out (W x H)		402 x 301 x 104 mm/Cut-out: 383.5 x 282.5 mm		
Temperature	During operation	0...50 °C, conforming to IEC 61132-2, UL 508		
Vibration resistance during operation	Continuous	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (conforming to IEC 60068-2-6 Fc)	0.125 g from 5...100 Hz	
	Non-continuous	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (conforming to IEC 60068-2-6 Fc)	0.250 g from 5...100 Hz	
		1 mm amplitude from 3...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance	—	
Shock resistance	During operation	15 g/11 ms conforming to IEC 60068-2-27 test Ea		
Standards and certifications		CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST		
Marine certif.	Germanischer Lloyd (Bridge Class)	24 V ~ only with additional power supply filter HMIYLFIMAR11	—	
ATEX certification		—		
Software	Vijeo Designer Run Time Demo	21-day trial version. Unlimited license, to be ordered separately (VJDSNRTMPC)		
References of Aluminium bezel versions (1)	24 V ~	HMIPUC7D0E01	HMIPUF7D0P01	HMIPUH7D0P01
	24 V ~ Vijeo Citect Lite 1200 I/O	—	HMIPUF7D0PL1	—
	24 V ~ Interface for battery	—	—	—
	24 V ~ Vijeo Citect Full 500 I/O	—	—	—
	100...240 V ~	—	HMIPUF7A0P01	HMIPUH7A0P01
	100...240 V ~ Vijeo Citect Full 500 I/O	—	—	—
References of Stainless steel bezel versions (1)	24 V ~	—	—	—
	100...240 V ~	—	—	—
Pages		2/22		
Made-to-order configuration		See configured Magelis Panel PC on page 2/29		

(1) Other options available (interface for backup battery, 3rd serial port, etc.) in made-to-order configuration (see page 2/26).
(2) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/26).

Universal range (2 PCI slots)		Performance range (no PCI slot)		Performance range (2 PCI slots)	
Maintenance-free (with Aluminium or Stainless steel bezel)	Standard (with Aluminium or Stainless steel bezel)	Harsh (with Aluminium bezel)	Standard (with Aluminium bezel)	Harsh (with Aluminium bezel)	Standard (with Aluminium or Stainless steel bezel)
					
★★★★★	★★★★★	—	—	—	—
★★★★★	—	★★★★★	—	★★★★★	—
15" LCD TFT LED touch screen					
XGA 1024 x 768, 16 million colors					
IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door					
Aluminium or Stainless steel		Aluminum			Aluminium or Stainless steel
Intel® ATOM™ N270 (1.6 GHz)		Intel® Core™ 2 Duo P8400 (2.26 GHz) + Intel® GM45 chipset			
2 (1 PCI + 1 PCI Express®)		—		2 (1 PCI + 1 PCI Express®)	
Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
HMIP●F7A2P01: 1 GB HMIPUF7A2PF1: 2 GB	1 GB	HMIPPF7D0701: 2 GB HMIPPF7D07F1: 4 GB	2 GB	HMIP●F7A2701: 2 GB HMIPPF7A27F1: 4 GB	2 GB
1		—		1	
1x slide-in compact rack for storage disk (Flash disk or Hard disk included) 1x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)		1 x slide-in compact rack for storage disk		1 x slide-in compact rack for storage disk (Flash disk or Hard disk included) 1 x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)	
2x Ethernet 10/100/1000 Mbps					
1x USB 2.0 (1 A) on the front panel (only for aluminium bezel version) + 4 x USB 2.0 (0.5 and 1 A) at the top (for all models)					
2x RS232C/1 x DVI (VGA RGB adaptor, optional)					
1x RS232C/RS422/RS485 (option only available in made-to-order configuration) (1)					
HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)		—		HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)	
Windows® XP Professional SP3		Windows® 7 Ultimate 64-bit			
402 x 301 x 153 mm/Cut-out: 383.5 x 282.5 mm		402 x 301 x 119 mm/Cut-out: 383.5 x 282.5 mm		402 x 301 x 168 mm/Cut-out: 383.5 x 282.5 mm	
0...50 °C, conforming to IEC 61132-2, UL 508					
1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz	1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz	1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz
3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz	3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz	3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz
—					
15 g/11 ms conforming to IEC 60068-2-27 test Ea					
☐ CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST ☐ EN 1672-2 Food and beverage processing machines and FDA 21CFR 177.206 specific seals (Stainless steel bezel versions only)					
—					
ATEX II 3 Dust zone 22 (Stainless steel bezel versions only)					
21-day trial version. Unlimited license, to be ordered separately (VJDSNRTMPC)					
—	HMIPUH7D2P01	HMIPPF7D0701	HMIPPH7D0701	—	HMIPPH7D2701
—	—	—	—	—	—
—	—	—	—	—	HMIPPH7B2701
—	—	HMIPPF7D07F1	—	—	—
HMIPUF7A2P01	HMIPUH7A2P01	—	HMIPPH7A0701	HMIPPF7A2701	HMIPPH7A2701
HMIPUF7A2PF1	—	—	—	HMIPPF7A27F1	—
HMIP7D2P01	HMIP7D2P01	—	—	—	—
—	—	—	—	—	HMIPRH7A2701
2/22		2/23			
See configured Magelis Panel PC on page 2/29					

(3) Conforming to IEC 60068-2-6 Fc.



Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ Panel PC
Universal and Performance ranges with 19" touch screen

Type	Universal range - 19" touch screen (no PCI slot)	
Industrial environments	Maintenance-free (with Aluminium bezel)	Standard (with Aluminium bezel)



Fanless		★★★★★	★★★★★	★★★★★
Non-rotative storage drive		★★★★★	★★★★★	—
Screen	Type	19" LCD TFT LED touch screen		
	Resolution	SXGA 1280 x 1024, 16 million colors		
	Degree of protection	IP 65 and Nema 4x indoor front panel protection when mounted on panel or enclosure door		
	Front panel bezel material	Aluminum		
CPU (1)	Processor	Intel® ATOM™ N270 (1.6 GHz)		
	PCI slot	—		
	Storage	Compact Flash card ≥ 4 GB (SLC technology)	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
	RAM (2)	1 GB	HMIPUF9D0P01: 1 GB HMIPUF9D0PF1: 2 GB	1 GB
	Integrated DVD-RW drive	—		
	Slide-in rack for peripheral device	1x slide-in compact rack for storage disk		
	Integrated ports	2x Ethernet 10/100/1000 Mbps 1x USB 2.0 (1 A) on the front panel + 4x USB 2.0 (0.5 and 1 A) at the top 2x RS232C/1x DVI (VGA RGB adaptor, optional) 1x RS232C/RS422/RS485 (option only available in made-to-order configuration) (1)		
	Optional ports (1)	—		
	Optional RAID PCI card	—		
	Operating system		Windows® Embedded Standard 2009	Windows® XP Professional SP3
Overall dimensions (W x H x D)/Cut-out (W x H)		480 x 380 x 114 mm/Cut-out: 459.5 x 359.5 mm		
Temperature	During operation	0...50 °C, conforming to IEC 61132-2, UL 508		
Vibration resistance during operation	Continuous	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (3)		0.125 g from 5...100 Hz
	Non-continuous	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (3)		0.250 g from 5...100 Hz
	Merchant navy IACS E10	1 mm amplitude from 3...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance		—
Shock resistance	During operation	15 g/11 ms conforming to IEC 60068-2-27 test Ea		
Standards and certifications		C€, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST		
Marine certification	Germanischer Lloyd (Bridge Class)	24 V ~ only with additional power supply filter HMIYLFIMAR11		—
Software	Vijeo Designer Run Time Demo	21-day trial version. Unlimited license, to be ordered separately (VJDSNRTMPC)		
References (1)	24 V ~	HMIPUC9D0E01	HMIPUF9D0P01	HMIPUH9D0P01
	24 V ~ Vijeo Citect Lite 1200 I/O	—	—	—
	24 V ~ Vijeo Citect Full 500 I/O	—	HMIPUF9D0PF1	—
	100...240 V ~	—	—	HMIPUH9A0P01
	100...240 V ~ Vijeo Citect Full 500 I/O	—	—	—
Pages		2/24		
Made-to-order configuration		See configured Magelis Panel PC on page 2/29		

(1) Other options available (interface for backup battery, 3rd serial port, etc.) in made-to-order configuration (see page 2/26).
(2) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/26).

Universal range - 19" touch screen (2 PCI slots)		Performance range - 19" touch screen (no PCI slot)		Performance range - 19" touch screen (2 PCI slots)	
Maintenance-free (with Aluminium bezel)	Standard (with Aluminium bezel)	Harsh (with Aluminium bezel)	Standard (with Aluminium bezel)	Harsh (with Aluminium bezel)	Standard (with Aluminium bezel)



★★★★★	★★★★★	—	—	—	—
★★★★★	—	★★★★★	—	★★★★★	—
19" LCD TFT LED touch screen					
SXGA 1280 x 1024, 16 million colors					
IP 65 and Nema 4X indoor front panel protection when mounted on panel or enclosure door					
Aluminum					
Intel® ATOM™ N270 (1.6 GHz)		Intel® Core™ 2 Duo P8400 (2.26 GHz) + Intel® GM45 chipset			
2 (1 PCI + 1 PCI Express®)		—		2 (1 PCI + 1 PCI Express®)	
Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
HMIPUF9A2P01: 1 GB HMIPUF9A2PF1: 2 GB	1 GB	HMIPPF9D0701: 2 GB HMIPPF9D07F1: 4 GB	2 GB	HMIPPF9A2701: 2 GB HMIPPF9A27F1: 4 GB	2 GB
1		—		1	
1x slide-in compact rack for storage disk (Flash disk or Hard disk included)		1 x slide-in compact rack for storage disk		1 x slide-in compact rack for storage disk (Flash disk or Hard disk included)	
1x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)		1 x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)		1 x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)	
2x Ethernet 10/100/1000 Mbps					
1x USB 2.0 (1 A) on the front panel + 4 x USB 2.0 (0.5 and 1 A) at the top					
2x RS232C/1 x DVI (VGA RGB adaptor, optional)					
1x RS232C/RS422/RS485 (option only available in made-to-order configuration) (1)					
HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)		—		HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)	
Windows® XP Professional SP3		Windows® 7 Ultimate 64-bit			
480 x 380 x 153 mm/Cut-out: 459.5 x 359.5 mm		480 x 380 x 129 mm/Cut-out: 459.5 x 359.5 mm		480 x 380 x 168 mm/Cut-out: 459.5 x 359.5 mm	
0...50 °C, conforming to IEC 61132-2, UL 508					
1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz	1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz	1.75 mm from 2...9 Hz, 0.5 g from 9...200 Hz (3)	0.125 g from 5...100 Hz
3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz	3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz	3.5 mm from 2...9 Hz, 1 g from 9...200 Hz (3)	0.250 g from 5...100 Hz
—					
15 g/11 ms conforming to IEC 60068-2-27 test Ea					
CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), C-Tick, GOST					
—					
21-day trial version. Unlimited license, to be ordered separately (VJDSNRTMPC)					
—	HMIPUH9D2P01	HMIPPF9D0701	HMIPPH9D0701	—	HMIPPH9D2701
—	—	—	—	—	—
—	—	HMIPPF9D07F1	—	—	—
HMIPUF9A2P01	HMIPUH9A2P01	—	HMIPPH9A0701	HMIPPF9A2701	HMIPPH9A2701
HMIPUF9A2PF1	—	—	—	HMIPPF9A27F1	—
2/24		2/25			
See configured Magelis Panel PC on page 2/29					

(3) Conforming to IEC 60068-2-6 Fc.

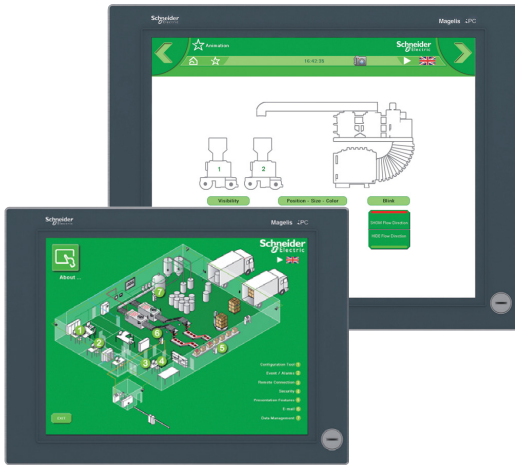
Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ Panel PC

Universal and Performance ranges with
15" or 19" touch screen

2



Magelis Panel PC 15" and 19"

Presentation

The Magelis Panel PC Universal and Performance ranges with 15" and 19" touch screens offer products that are rugged and certified for automation applications.

Both ranges are suitable for various uses in the following environments:

- Maintenance-free
- Harsh
- Standard

The 15" screen Magelis Panel PC version with a stainless steel front panel bezel and ATEX certification are particularly recommended for certain targeted sectors like food and beverage, chemical, pharmaceutical, and gas and petroleum.

The 15" and 19" touch screens are LCD TFT LED 16 million color touch screen with IP 65 front panel protection when mounted on a panel or an enclosure door.

The modular design of the Panel PCs provide a complete and coherent offer of referenced products with the Universal and Performance ranges.

In addition to the referenced offer, the flexibility offered by the modular design allows Magelis Panel PCs to be made-to-order (see page 2/27).

Overview of the range

Magelis Panel PC Universal range with 15" and 19" touch screens (1) (2)

The Magelis Universal Panel PC with 15" and 19" touch screens are equipped with a fanless Intel® ATOM™ N270 processor (1.6 GHz) and DDR2 RAM (3).

This range is designed for the following environments:

- Maintenance-free (fanless, with solid-state storage disk):
 - **HMIPUC7D0E01** and **HMIPUC9D0E01**:
 - No PCI slot
 - Compact Flash card/Windows® Embedded Standard 2009
 - 24 V $\overline{\text{---}}$ power supply
 - **HMIPUF7D0P01**, **HMIPUF7D0PL1**, **HMIPUF7A0P01**, **HMIPUF9D0P01** and **HMIPUF9D0PF1**:
 - No PCI slot
 - Flash disk SSD/Windows® XP Professional SP3
 - 24 V $\overline{\text{---}}$ or 100...240 V $\sim$ power supply
 - **HMIPUF7A2P01**, **HMIPUF7A2PF1**, **HMIPUF9A2P01** and **HMIPUF9A2PF1**:
 - 1 PCI + 1 PCI Express®
 - Flash disk SSD/Windows® XP Professional SP3
 - 100...240 V $\sim$ power supply
- Maintenance-free (fanless, with solid-state storage disk) and with Stainless steel front panel bezel:
 - **HMIPTF7D2P01**:
 - 1 PCI + 1 PCI Express®
 - Flash disk SSD/Windows® XP Professional SP3
 - 24 V $\overline{\text{---}}$ power supply
- Standard industrial environments (with Hard disk):
 - **HMIPUH7D0P01**, **HMIPUH7A0P01**, **HMIPUH9D0P01** and **HMIPUH9A0P01**:
 - No PCI slot
 - Hard disk/Windows® XP Professional SP3
 - 24 V $\overline{\text{---}}$ or 100...240 V $\sim$ power supply
 - **HMIPUH7D2P01**, **HMIPUH7A2P01**, **HMIPUH9D2P01** and **HMIPUH9A2P01**:
 - 1 PCI + 1 PCI Express®
 - Hard disk/Windows® XP Professional SP3
 - 24 V $\overline{\text{---}}$ or 100...240 V $\sim$ power supply
- Standard industrial environments (with Hard disk) and with Stainless steel front panel bezel:
 - **HMIPTH7D2P01**:
 - 1 PCI + 1 PCI Express®
 - Flash disk SSD/Windows® XP Professional SP3
 - 24 V $\overline{\text{---}}$ power supply

(1) Types of PCI slot: Half-format PCI 2.2 and half-format PCI Express® 4x.

(2) For description, see pages 2/20 and 2/21.

(3) Not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ Panel PC

Universal and Performance ranges with
15" or 19" touch screen

Presentation (continued)

Overview of the range (continued)

Magelis Panel PC Performance range (1) (2)

The Magelis Panel PC Performance range is equipped with the Intel® Core™ 2 Duo P8400 processor (2.26 GHz) + Intel® GM45 chipset and DDR3 RAM (3).

This range is designed for the following environments:

■ Harsh industrial environments (with solid-state storage disk):

□ **HMIPPF7D0701, HMIPPF7D07F1, HMIPPF9D0701 and HMIPPF9D07F1:**

- No PCI slot
- Flash disk SSD/Windows® 7 Ultimate 64-bit
- 24 V $\overline{\text{---}}$ power supply

□ **HMIPPF7A2701, HMIPPF7A27F1, HMIPPF9A2701 and HMIPPF9A27F1:**

- 1 PCI + 1 PCI Express®
- Flash disk SSD/Windows® 7 Ultimate 64-bit
- 100...240 V $\sim$ power supply

■ Standard industrial environments (with Hard disk):

□ **HMIPPH7D0701, HMIPPH7A0701, HMIPPH9D0701 and HMIPPH9A0701:**

- No PCI slot
- Hard disk/Windows® 7 Ultimate 64-bit
- 24 V $\overline{\text{---}}$ or 100...240 V $\sim$ power supply

□ **HMIPPH7D2701, HMIPPH7B2701 (4), HMIPPH7A2701, HMIPPH9D2701 and HMIPPH9A2701:**

- 1 PCI + 1 PCI Express®
- Hard disk/Windows® 7 Ultimate 64-bit
- 24 V $\overline{\text{---}}$ or 100...240 V $\sim$ power supply

■ Standard industrial environments (with Hard disk) and with Stainless steel front panel bezel:

□ **HMIPRH7A2701:**

- 1 PCI + PCI Express®
- Hard disk/Windows® 7 Ultimate 64-bit
- 100...240 V $\sim$ power supply

Made-to-order Magelis Panel PC Universal and Performance ranges

On Magelis Universal and Performance Panel PC bases, it is possible to customize the CPU by selecting:

- The capacity of the Compact Flash card and the RAM
- The number of PCI and PCI Express® slots
- The operating system and dedicated HMI software
- Additional assembled options: PCI RAID card with 2 redundant Hard disks (5), interface for backup battery, interface for battery-backed power supply module, third RS 485 port, etc.

For more information on HMIPCC offer, see page 2/29.

USB accessories for HMI terminals

The Magelis™ USB accessories are designed to expand selection range of user applications by offering value-added/differentiated HMI solutions. These innovative USB accessories can be easily installed and operated with HMI terminals (6).

The Magelis USB accessories supported by Magelis Panel PC includes:

- Harmony XB5S biometric USB switch
- Magelis HMIZ illuminated USB switch

For more information on HMI USB accessories, please refer to our website www.schneider-electric.com.

(1) Types of PCI slot: Half-format PCI 2.2 and half-format PCI Express® 4x.

(2) For description, see pages 2/20 and 2/21.

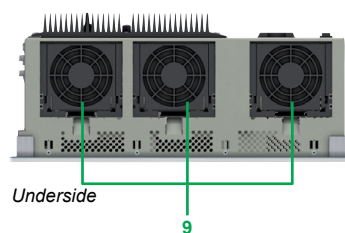
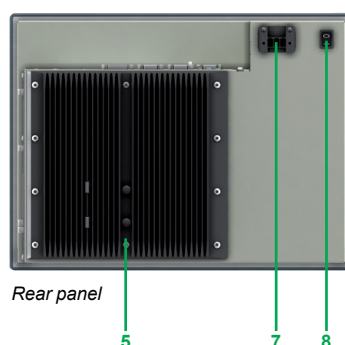
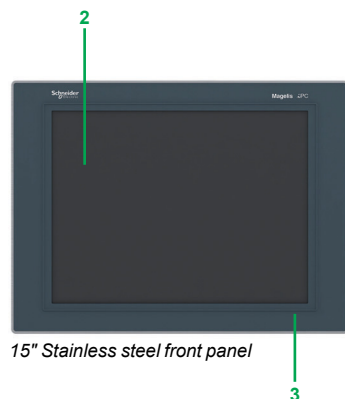
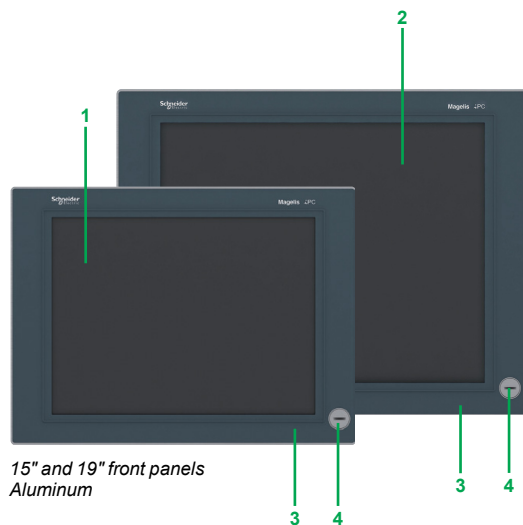
(3) Not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(4) Supplied with battery-backed interface module inserted.

(5) Operating temperature details available on our website www.schneider-electric.com.

(6) Requires Vijeo Designer software running on Magelis Panel PC.

2



Magelis Panel PC, 15" or 19"

Description

Magelis Universal and Performance Panel PC:
15" (Aluminium and Stainless steel bezel) and 19" (Aluminium bezel)

Front panels

- 1 15" LCD TFT LED touch screen, XGA 1024 x 768, 16 million colors for **HMIP●●7●●●●●●**:
 - Brightness: 350 cd/m² (adjustable)
 - Type of touch panel: Analog resistive film, resolution 4096 x 4096
 - Typical viewing angle: 100° (vertically)/160° (horizontally)
- 2 19" LCD TFT LED touch screen, SXGA 1280 x 1024, 16 million colors for **HMIP●●9●●●●●●**:
 - Brightness: 300 cd/m² (adjustable)
 - Type of touch panel: Analog resistive film, resolution 4096 x 4096
 - Typical viewing angle: 100° (vertically)/160° (horizontally)
- 3 Aluminum alloy front panel providing IP 65 and Nema 4X indoor front panel protection when mounted on a panel or an enclosure door; mounted on 1.6...10 mm thick support using screw fasteners supplied (1)
 or
 Stainless steel 304 "Scotch Brite®" brushed finish front panel enabling an IP 65 and Nema 4X indoor degree of protection of the front panel when mounted on a panel or an enclosure door. Mounted on 1.6...10 mm thick support using stainless steel screw fasteners supplied (1). Simplified cleaning because of the absence of USB port on front panel (conforms to food and beverage processing machines standard EN 1672-2). Version fitted with specific seals (standard FDA 21 CFR 177.206)
- 4 USB 2.0 port (1 A max.) with screw-on protective cover (only available for Aluminium version); captive protective cover option also available (2)

Rear panel

- 5 Heat sink (1)
- 6 Connector for Panel PC 100...240 V ~/1.6 A power supply (Panel PC **HMI●●●●A●●●●**) (3)
- 7 On/Off switch for 100...240 V ~ power supply (Panel PC **HMI●●●●A●●●●**)

Underside

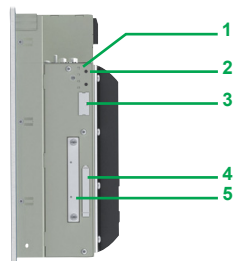
- 8 Fans (Panel PC **HMIPP●●●●●●●●**) (4)
 Natural convection (Panel PC **HMIPU●●●●●●●●**) (1)

(1) For installation, please refer to the "product data sheet" on our website www.schneider-electric.com.

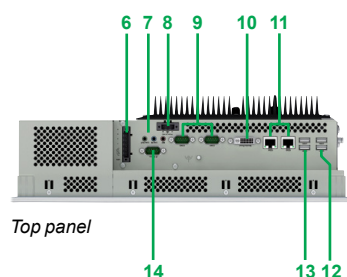
(2) To be ordered separately (see page 2/26).

(3) Consumption excluding additional PCI card.

(4) Can be replaced with the Panel PC fan kit by the customer (to be ordered separately, see page 2/26).

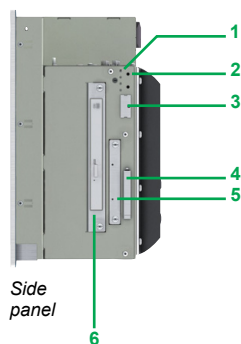


Side panel

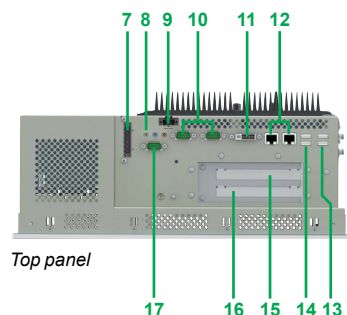


Top panel

Magelis Panel PC, 15" or 19", no PCI slot



Side panel



Top panel

Magelis Panel PC, 15" or 19", 2 PCI slots

Description (continued)

Magelis Universal and Performance Panel PC, 15" and 19", no PCI slot

Side panel

- 1 4 status and power supply LEDs
- 2 2 pushbuttons: 1 for power supply and 1 for resetting
- 3 Battery
- 4 Slot for Compact Flash card:
 - With Compact Flash card (SLC technology) ≥ 4 GB (Panel PC **HMIPUC•D0E01**)
 - Free slot (Panel PC **HMIP•F•••0••1**, **HMIP•H•••0••1**)
- 5 Slide-in compact rack:
 - Free slot (Panel PC **HMIPUC•D0E01**)
 - With Flash disk SSD ≥ 60 GB (Panel PC **HMIP•F•••0••1**)
 - With Hard disk ≥ 500 GB (Panel PC **HMIP•H•••0••1**)

Top panel

- 6 Free slot for battery-backed power supply interface module (1)
- 7 Micro input, line input/line output
- 8 Connector for Panel PC 24 V $\overline{\text{---}}$ /7 A power supply (Panel PC **HMIP••••D0••1**) (2)
- 9 2 RS232C ports
- 10 DVI port - RGB connection with adaptor (**HMIYADDVIRGB11**) (1)
- 11 2 Ethernet 10/100/1000 Mbps ports
- 12 2 USB 2.0 ports (1 A max.)
- 13 2 USB 2.0 ports (0.5 A max.)
- 14 Slot for additional RS232C/RS422/RS485 serial link interface; to be ordered separately in made-to-order configuration (1).

Magelis Universal and Performance Panel PC, 15" and 19", 2 PCI slots

Side panel

- 1 4 status and power supply LEDs
- 2 2 pushbuttons: 1 for power supply and 1 for resetting
- 3 Battery
- 4 Free slot for Compact Flash card
- 5 Slide-in compact rack:
 - With Flash disk SSD ≥ 60 GB (Panel PC **HMIP•F••••••1**)
 - With Hard disk ≥ 500 GB (Panel PC **HMIP•H•••2••1**)
- 6 Slide-in rack with the DVD-RW drive included (3). Can be used for an additional storage disk with adaptor (**HMIYADSLIDEIN11**) (4)

Top panel

- 7 Slot for battery-backed power supply interface module:
 - Module mounted on Panel PC **HMIPPH7B2701**
 - Module not included as standard on other models (1)
- 8 Micro input, line input/line output
- 9 Connector for Panel PC 24 V $\overline{\text{---}}$ /7 A power supply (Panel PC **HMIP•D••••••1**) (2)
- 10 2 RS232C ports
- 11 DVI port - RGB connection with adaptor (**HMIYADDVIRGB11**) (1)
- 12 2 Ethernet 10/100/1000 Mbps ports
- 13 2 USB 2.0 ports (1 A max.)
- 14 2 USB 2.0 ports (0.5 A max.)
- 15 Half-format PCI Express® 4x slot
- 16 Half-format PCI 2.2 slot
- 17 Slot for additional RS232C/RS422/RS485 serial link interface; to be ordered separately in made-to-order configuration (1).

(1) To be ordered separately in made-to-order configuration (see page 2/27).

(2) Consumption excluding additional PCI card.

(3) Operating temperature details available on our website www.schneider-electric.com.

(4) To be ordered separately as an accessory (see page 2/26).

Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ Panel PC

Universal range - 15" touch screen

2

PF110314

HMIPU●7●●●●1
(Screen side)

PF110378

HMIPTF7D2P01
HMIPTH7D2P01
(Screen side)

PF110341

HMIPU●7A0P●1
(CPU side)

PF110327

HMIPU●7A2P●1
(CPU side)

PF110340

HMIPUH7D2P01
(CPU side)
Magelis Universal Panel PC - 15" LCD TFT LED touch screen (1) (2)
(Intel® ATOM™ N270 processor (1.6 GHz)/DDR2 RAM)

Supply voltage PCI slot	Operating system	Software	Storage	DDR2 RAM (3)	Reference	Weight kg/lb
For maintenance-free environment (with Aluminium front panel bezel)						
24 V $\square$ No PCI slot	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Compact Flash (SLC technology) $\geq$ 4 GB	1 GB	HMIPUC7D0E01	8.900/ 19.621
	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPUF7D0P01	9.000/ 19.842
		Vijeo Designer RT Demo (5) Vijeo Citect Lite 1200 I/O	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPUF7D0PL1	9.000/ 19.842
100...240 V $\sim$ No PCI slot	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPUF7A0P01	9.500/ 20.943
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPUF7A2P01	10.900/ 24.030
		Vijeo Designer RT Demo (5) Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPUF7A2PF1	10.900/ 24.030

For maintenance-free environment (with Stainless steel front panel bezel)

24 V $\square$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPTF7D2P01	11.100/ 24.471
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For standard industrial environment (with Aluminium front panel bezel)

24 V $\square$ No PCI slot	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH7D0P01	9.000/ 8.818
24 V $\square$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH7D2P01	10.300/ 22.708
100...240 V $\sim$ No PCI slot	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH7A0P01	9.500/ 20.943
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH7A2P01	10.900/ 24.030

For standard industrial environment (with Stainless steel front panel bezel)

24 V $\square$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPTH7D2P01	11.100/ 24.471
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(1) 15" touch screen: XGA 1024 x 768, 16 million colors, IP 65 and Nema 4X indoor front panel protection when mounted on panel or an enclosure door.

(2) For separate components, software and external power supply see page 2/26.

(3) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(4) Windows® Embedded Standard 2009 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian). Also includes:

- Acrobat Reader, Word/Excel/Power Point Viewer
- Framework.Net 3.5
- Web browser
- Vijeo Citect Web Client
- Vijeo Designer Run Time Demo (5)

(5) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (see page 2/28).



HMIPP7A0001
(Screen side)



HMIPP7A2701
(Screen side)



HMIPP7A0701
(CPU side)



HMIPP7A2701
(CPU side)



HMIPPH7D2701
(CPU side)

Magelis Performance Panel - 15" LCD TFT LED touch screen (1) (2)

(Intel® Core™ 2 Duo P8400 processor (2.26 GHz)/DDR3 RAM)

Supply voltage PCI slot	Operating system	Software	Storage	DDR3 RAM (3)	Reference	Weight kg/lb
For harsh industrial environment (with Aluminium front panel bezel)						
24 V $\overline{\text{---}}$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPPF7D0701	10.100/ 22.267
		Vijeo Designer RT Demo (4) Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	4 GB	HMIPPF7D07F1	10.100/ 22.267
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPPF7A2701	12.000/ 26.455
		Vijeo Designer RT Demo (4) Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	4 GB	HMIPPF7A27F1	12.000/ 26.455

For standard industrial environment (with Aluminium front panel bezel)

24 V $\overline{\text{---}}$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH7D0701	10.100/ 22.267
24 V $\overline{\text{---}}$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH7D2701	11.400/ 25.133
24 V $\overline{\text{---}}$ with interface for backup battery 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH7B2701	11.400/ 25.133
100...240 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH7A0701	10.600/ 23.368
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH7A2701	12.000/ 26.455

For standard industrial environment (with Stainless steel front panel bezel)

100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (4)	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPRH7A2701	12.200/ 26.896
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(1) 15" touch screen: XGA 1024 x 768, 16 million colors, IP 65 and Nema 4X indoor front panel protection when mounted on panel or an enclosure door.

(2) For separate components, software and external power supply see page 2/26.

(3) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

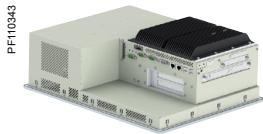
(4) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (see page 2/28).



HMIPU●9●●●●1
(Screen side)



HMIPU●9A2P●1
(CPU side)



HMIPUH9D2P01
(CPU side)



HMIPUH9A0P01
(CPU side)

Magelis Universal Panel PC - 19" LCD TFT LED touch screen (1) (2)

(Intel® ATOM™ N270 processor (1.6 GHz)/DDR2 RAM)

Supply voltage PCI slot	Operating system	Software	Storage	DDR2 RAM (3)	Reference	Weight kg/lb
For maintenance-free environment (with Aluminium front panel bezel)						
24 V $\sim$ No PCI slot	Windows® Embedded Standard 2009 (4)	Vijeo Designer RT Demo (5)	Compact Flash (SLC technology) $\geq$ 4 GB	1 GB	HMIPUC9D0E01	13.600/ 29.983
	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPUF9D0P01	13.700/ 30.203
		Vijeo Designer RT Demo (5) Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPUF9D0PF1	13.700/ 30.203
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Flash disk SSD $\geq$ 60 GB	1 GB	HMIPUF9A2P01	14.700/ 32.408
		Vijeo Designer RT Demo (5) Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPUF9A2PF1	15.500/ 34.172
For standard industrial environment (with Aluminium front panel bezel)						
24 V $\sim$ No PCI slot	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH9D0P01	13.700/ 30.203
24 V $\sim$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH9D2P01	15.000/ 33.069
100...240 V $\sim$ No PCI slot	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH9A0P01	14.300/ 31.526
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (5)	Hard disk enterprise 24/7 $\geq$ 500 GB	1 GB	HMIPUH9A2P01	15.500/ 34.172

(1) 19" touch screen: SXGA 1280 x 1024, 16 million colors, IP 65 and Nema 4X indoor front panel protection when mounted on panel or an enclosure door.

(2) For separate components, software and external power supply see page 2/26.

(3) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(4) Windows® Embedded Standard 2009 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian). Also includes:

- Acrobat Reader, Word/Excel/Power Point Viewer
- Framework.Net 3.5
- Web browser
- Vijeo Citect Web Client
- Vijeo Designer Run Time Demo (5)

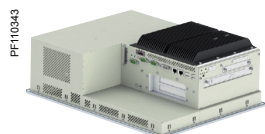
(5) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (see page 2/28).



HMIPP●9●●●●1
(Screen side)



HMIPP●9A27●1
(CPU side)



HMIPPH9D2701
(CPU side)



HMIPPH9A0701
(CPU side)

Magelis Performance Panel - 19" LCD TFT LED touch screen^{(1) (2)}

(Intel® Core™ 2 Duo P8400 processor (2.26 GHz)/DDR3 RAM)

Supply voltage PCI slot	Operating system	Software	Storage	DDR3 RAM ⁽³⁾	Reference	Weight kg/lb
For harsh industrial environment (with Aluminium front panel bezel)						
24 V $\overline{\text{---}}$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPPF9D0701	14.800/ 32.628
		Vijeo Designer RT Demo ⁽⁴⁾ Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	4 GB	HMIPPF9D07F1	14.800/ 32.628
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Flash disk SSD $\geq$ 60 GB	2 GB	HMIPPF9A2701	16.600/ 36.596
		Vijeo Designer RT Demo ⁽⁴⁾ Vijeo Citect Full 500 I/O	Flash disk SSD $\geq$ 60 GB	4 GB	HMIPPF9A27F1	16.600/ 36.596

For standard industrial environment (with Aluminium front panel bezel)

24 V $\overline{\text{---}}$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH9D0701	14.800/ 32.628
24 V $\overline{\text{---}}$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH9D2701	16.100/ 35.494
100...240 V $\sim$ No PCI slot	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH9A0701	15.400/ 33.951
100...240 V $\sim$ 1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo ⁽⁴⁾	Hard disk enterprise 24/7 $\geq$ 500 GB	2 GB	HMIPPH9A2701	16.500/ 36.376

(1) 19" touch screen: SXGA 1280 x 1024, 16 million colors, IP 65 and Nema 4X indoor front panel protection when mounted on panel or an enclosure door.

(2) For separate components, software and external power supply, see page 2/26.

(3) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 2/27).

(4) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC), (see page 2/28).

Separate components					
Description	Details	Compatible with Magelis Panel PC ranges:			Reference
		Optimum	Universal	Performance	
Hard Disk Drive	500 GB, blank	-	Panel PC 12"		HMIYHDD50061
Flash Disk SSD	60 GB, blank	-	Panel PC 12"		HMIYSDD06061
	128 GB, blank	-	All models		HMIYSDD18061
CFast card (SLC technology)	4 GB, blank	-	Panel PC 12"		HMIYCFA04
	8 GB, blank	-	Panel PC 12"		HMIYCFA08
	16 GB, blank	-	Panel PC 12"		HMIYCFA16
DVD-RW drive for slide-in slot (1)	CD-RW and DVD-RW reader/writer	-	Panel PC 12"		HMIYDRDVDRW61
RAM expansion DDR3	2 GB for 1 slot	-	Panel PC 12"		HMIYPRAM302061
	4 GB for 1 slot	-	Panel PC 12"		HMIYPRAM304061
	8 GB for 1 slot	-	Panel PC 12"		HMIYPRAM308061
Interface module	Additional serial link RS232/422/485	-	Panel PC 12"		HMIYPINSL61
	SRAM for Vijeo Designer	-	Panel PC 12"		HMIYPINSRAM61
	Battery backup interface	-	Panel PC 12"		HMIYUPSINT61
Backup power supply kit	"Provides an uninterruptible power supply. Includes: ■ 1 backup battery ■ 1x 3 m cordset	-	Panel PC 12" (require battery backup interface HMIPUPSINT61)		HMIYUPSKT61
Slide-in adaptor for storage disk (2)	To insert a Hard disk, a Flash disk SSD, or a CFast with adaptor, in a slide-in slot	-	Panel PC 12"		HMIYADSLIDEIN61
Slide-in compact adaptor for CFast (2)	To insert a CFast in a slide-in compact slot	-	Panel PC 12"		HMIYADCFAST61
Slots expansion module	Module 1 PCI + 1 slide-in slots	-	Panel PC 12"		HMIYPCI161
	Module 1 PCI Express® + 1 slide-in slots	-	Panel PC 12"		HMIYPCIC61
	Module 1 PCI + 1 PCI Express® + 1 slide-in slots	-	Panel PC 12"		HMIYPCI261
	Module 2 PCI + 1 slide-in slots	-	Panel PC 12"		HMIYPCIA61
AC to DC power supply module	To replace or add an AC power module	-	Panel PC 12"		HMIYPMAC61
Maintenance kit for Panel PC includes:	1x 3-way removable connector for 24 V ~ power supply 1x 3-way removable connector for 100...240 V ~ power supply 18 screw fasteners 2 Front USB port cap 5 Fan filters	-	Panel PC 12"		HMIYPMKT61
Fan Kit for Panel PC	To replace or add a fan	-	Panel PC 12"		HMIYPFKT061
Screen protection	5 protective film sheets for 12" screen	-	Panel PC 12"		MPCYK20SPSKIT

(1) Operating temperature details are available on our website www.schneider-electric.com.

(2) The user has to check for third party drive compliancy.

Separate components						
Description	Details	Compatible with Magelis Panel PC ranges:			Reference	Weight kg/lb
		Optimum	Universal	Performance		
Storage disks, peripheral equipment, kits						
Hard disk	500 GB, blank	–	Panel PCs 15" and 19"		HMIYHDD050011	–
Flash disk SSD ≥ 60 GB	60 GB, blank	–	Panel PCs 15" and 19"		HMIYSDD006011	–
Compact Flash card (SLC technology)	2 GB, blank	All models (Panel PCs 10", 15" and 19")			HMIYCFS0211	–
	4 GB, blank	All models			HMIYCFS0411	–
	8 GB, blank	All models			HMIYCFS0811	–
SD memory card	4 GB, blank, for user data	All models	–		HMIZSD4G	–
DVD-RW drive for slide-in rack (1)	CD-RW and DVD-RW reader/writer	–	Panel PCs 15" and 19" with 2 PCI slots		HMIYDRDVRW11	–
Slide-in adaptor for storage disk (3)	Used to insert a Hard disk or an SSD Flash disk in a slide-in rack	–	Panel PCs 15" and 19" with 2 PCI slots		HMIYADSLIDEIN11	–
DVI/VGA RGB adaptor	For connecting an RGB screen to the integrated DVI port	–	All models		HMIYADDVIRGB11	–
RAID PCI card with 2 redundant Hard disks (1)	PCI card equipped with two redundant Hard disks enterprise 24/7 ≥ 500 GB	–	Panel PCs 15" and 19" with 2 PCI slots		HMIYRAIDPCI11	–
Hard disk for RAID PCI card	Replacement Hard disk for RAID PCI card HMIYRAIDPCI11	–	Panel PCs 15" and 19" with 2 PCI slots + RAID PCI card HMIYRAIDPCI11		HMIYRAIDD050011	–
Backup power supply kit	Provides an uninterruptible power supply. Includes: ■ 1 backup battery ■ 1x 3 m cordset	–	Configured Magelis Panel PCs 15" and 19" with battery-backed power supply interface module (2)		HMIYUPSKT11	–
Power supply filter for marine certification	Necessary for compliance with marine certification.	Panel PC HMI PWC7D0E01	Panel PC 15" and 19" universal DC PUC●D●●●●/ PUF●D●●●●	–	HMIYLFIMAR11	–
Maintenance kit for Panel PC	Includes: ■ 1x 3-way removable connector for 24 V ~ power supply ■ 1 x 3-way removable connector for 100...240 V ~ power supply ■ 2 protective covers for USB port on front panel (only on Aluminium bezel versions) ■ 10 replacement filters for fan, including: □ 5 for Magelis Panel PC with no PCI slot □ 5 for Magelis Panel PC with 2 PCI slots ■ 18 screw fasteners (Aluminium bezel) or 14 fasteners (Stainless steel bezel)	–	Panel PCs 15" and 19"		HMIYPMKT11	0.060/ 0.132
Captive USB protective cover	2 captive covers for USB port on front panel	All Aluminium bezel version models			HMIYPUSBUN511	0.040/ 0.088
Fan kit for Panel PC	For fan replacement by user	–	Panel PC 15" and 19" with no PCI/PCI Express® slots		HMIYPFKT01	0.250/ 0.551
			Panel PC 15" and 19" with PCI/PCI Express® slots		HMIYPFKT21	0.800/ 1.764
Screen protection	5 protective film sheets for 10" screen	Panel PC HMI PWC5D0E01	–		MPCYK20SPSKIT	–
	5 protective film sheets for 15" screen (Aluminium and Stainless steel bezel versions)	Panel PC HMI P●C7D0E01	Panel PC HMIP●●7●●●●●		MPCYK50SPSKIT	–
	5 protective film sheets for 19" screen	–	Panel PC HMIP●●9●●●●●		MPCYK90SPSKIT	–
Cable for iDisplay 15"	Extra long (10 m/3.28 ft)	–	All models		HMIYCABDVI1011	–

(1) Operating temperature details are available on our website www.schneider-electric.com.

(2) For configured Magelis Panel PC see page 2/27.

(3) The user has to check for third party drive compliance.

Separate components

Separate components						
Description	Details	Compatible with Magelis Panel PC ranges:			Reference	Weight kg/lb
		Optimum	Universal	Performance		
Software						
Vijeo Designer Run Time license for 1 workstation	Converts the 21-day trial version of Vijeo Designer Run Time Demo to an unlimited license	All models			VJDSNRTMPC	—
License extension Intelligent Data Service for Vijeo Designer Run Time for 1 workstation	Used to track the process variables and all operator actions, and offers visibility of the key process values	All models (requires storage capacity ≥ 4 GB)			VJDSNTRCKV60M	—
External Phaseo power supply						
Phaseo regulated switch mode power supply ABL 8 Rail mounting	Input voltage: 100...120 V/200...500 V ~ (1) Output voltage: 24 V --- Power: 120 W	All models	—		ABL8RPS24050 (2) (3)	—
Phaseo regulated switch mode power supply ABL 4 Rail mounting	Input voltage: 100...230 V ~ (1) Output voltage: 24 V --- Power: 120 W	All models	—		ABL4RSM24050 (2) (3)	—

(1) Single-phase connection. Phase-to-phase connection possible on certain American line supplies, please contact our Customer Care Center.

(2) If adding a PCI card, you need to select a Phaseo power supply with a power rating suitable for the extra consumption. Please refer to the "Phaseo power supply and transformer" catalog on our website www.schneider-electric.com.

(3) To order this reference, please contact our Customer Care Center.

Configured Magelis Panel PC industrial PC

With the "configured iPC" service, Schneider Electric offers a vast number of configuration combinations for Magelis iPCs.

This service, available exclusively from our Customer Care Center, allows users to configure a certified product suitable for specific automation applications and environments, based on Magelis Panel PCs.

Our Customer Care Center draws up:

- The complete parts list for the configured Magelis Panel PC
- Its selling price
- The complete reference (root + code which varies according to the configuration)
- A purchase order

Ordering procedure for a configured Magelis Panel PC

- 1 Please contact our Customer Care Center.
- 2 State the reference root; this root will be completed with the variable part of the reference, once configuration is complete. The root varies depending on which Magelis Panel PC base is selected:
 - **HMIPCCW** corresponds to a configured Magelis Optimum Panel PC base, with an aluminium front panel
 - **HMIPCCV** corresponds to a configured Magelis Optimum Panel PC base, with a stainless steel front panel
 - **HMIPCCP** corresponds to a configured Magelis Universal or Performance Panel PC base, with an aluminium front panel
 - **HMIPCCCT** corresponds to a configured Magelis Universal or Performance Panel PC base, with a stainless steel front panel
- 3 Configure your Magelis Panel PC (see table below).
- 4 Confirm your order.

References					
Description		Magelis Panel PC base		Reference	Weight kg/lb
Configured Magelis Panel PC The configuration should be made up from the components below. (1)	Reference root to be stated to our Customer Care Center.	Optimum, aluminium front panel bezel		HMIPCCW (2)	—
		Optimum, stainless steel front panel bezel (15" screen only)		HMIPCCV (2)	—
		Universal and Performance, aluminium front panel bezel		HMIPCCP (2)	—
		Universal and Performance, stainless steel front panel bezel (15" screen only)		HMIPCCCT (2)	—
Description	Available on Magelis Panel PC base			Reference	Weight kg/lb
	Optimum Processor Intel® ATOM™ Z510 (1.1 GHz) DDR2 RAM 24 V ~ power supply	Universal Processor Intel® ATOM™ N270 or iCore 827E DDR2 or DDR3 RAM 24 V ~ or 100...240 V ~ power supply	Performance Processor Intel® Core™ 2 Duo P8400 or i3 iCore DDR3 RAM 24 V ~ or 100...240 V ~ power supply		
LCD TFT LED touch screen 16 million colors	10.4" or 15"	12", 15" or 19"		(2)	—
RAM	2 GB max. (DDR2)	3 GB max. for 15" and 19" 16 GB max. for 12"	8 GB max. for 15" and 19" 16 GB max. for 12"		
Peripheral storage devices	Compact Flash card 8 GB max. or CFast card 16 GB max. (SLC technology)				
	—		Up to 2 Flash disks SSD ≥ 60 GB		
	—		Up to 2 Hard disks ≥ 500 GB (enterprise 24/7)		
Other peripheral device	—		DVD-RW drive		
PCI slot configuration	—		No PCI slot		
	—		1 PCI + 1 PCI Express® for 12" only		
	—		1 PCI + 1 PCI Express® or 2 PCI		
Operating systems	Windows® Embedded Standard 2009				
	—		Windows® Embedded Standard 7 32-bit		
	—		Windows® XP PRO SP3		
	—		Windows® 7 Ultimate 32-bit		
	—		Windows® 7 Ultimate 64-bit		
Software	Vijeo Designer Run Time				
	—		Vijeo Citect		
Assembled options	—		RAID with 2 redundant Hard disks		
	—		Interface module for backup power supply (4)		
	—		SRAM interface for 12" (default on others)		
	—		Additional RS232C/RS422/RS485 serial link interface		
	1 or 2 Ethernet ports		2 Ethernet ports		

1) Please contact our Customer Care Center.

(2) The reference of configured Magelis Panel PC industrial PCs is made up of a root (HMIPCCW, HMIPCCV, HMIPCCP or HMIPCCCT) followed by a variable part generated during configuration.

(3) Required to connect backup power supply kits **HMIYUPSKT•1** (see page 2/26).

Old PC Panels		Replaced by Magelis Panel PC		Compatibility	
Description	References	Description	References	Cut-out for flush mounting	Screen definition
Magelis Smart (with Compact Flash card)		Magelis Panel PC (Optimum or Universal range)			
Magelis Smart 8.4" screen, 24 V ---	MPCST11NDJ00T	Magelis Optimum Panel PC 10" screen, 24 V ---	HMIPWC5D0E01		
Magelis Smart 8.4" screen, 100...240 V ~	MPCST11NAJ00T	Magelis Optimum Panel PC 10" screen, 24 V ---	HMIPWC5D0E01 + Phaseo power supply (1)		
Magelis Smart 12" screen, 24 V ---	MPCST21NDJ20T	Magelis Universal Panel PC 12" screen, 24 V ---	HMIPUC6D0E01		
		Magelis Optimum Panel PC 15" screen, 24 V ---, ATEX	HMIPVC7D0E01		
Magelis Smart 12" screen, 240 V ~	MPCST21NAJ20T	Magelis Universal Panel PC 12" screen, 240 V ~	HMIPUC6A0E01		
Magelis Smart 15" screen, 24 V ---	HMIPSC7DE03 MPCST52NDJ20T	Magelis Optimum Panel PC 15" screen, 24 V ---	HMIPWC7D0E01		
		Magelis Optimum Panel PC 15" screen, 24 V ---, ATEX	HMIPVC7D0E01 HMIPCCT (3)		
		Magelis Universal Panel PC 15" screen, 24 V ---	HMIPUC7D0E01		
Magelis Smart 15" screen, 100...240 V ~	HMIPSC7AE03 MPCST52NAJ20T MPCST52NAJ20H	Magelis Optimum Panel PC 15" screen, 24 V ---	HMIPWC7D0E01 + Phaseo power supply (1)		
		Magelis Universal Panel PC 15" screen, 24 V ---	HMIPUC7D0E01 + Phaseo power supply (1)		
Magelis Smart+ (with Flash disk)		Magelis Panel PC (Universal range)			
Magelis Smart+ 15" screen, 24 V ---	HMIPSF7DP03	Magelis Universal Panel PC 15" screen, 24 V ---	HMIPUF7D0P01		
		Magelis Universal Panel PC 15" screen, 24 V ---, ATEX	HMIPTF7D2P01		
Magelis Smart+ 15" screen, 100...240 V ~	HMIPSF7AP03	Magelis Universal Panel PC 15" screen, 100...240 V ~	HMIPUF7A0P01		
		Magelis Universal Panel PC 15" screen, 100...240 V ~, ATEX	HMIPCCT (3)		
Magelis Smart+ 15" screen, 100...240 V ~ Vijeo Citect Lite 1200 I/O	HMIPSF7APL3 (2)	Magelis Universal Panel PC 15" screen, 24 V --- Vijeo Citect Lite 1200 I/O	HMIPUF7D0PL1 (2)		
		Magelis Universal Panel PC 15" screen, 100...240 V ~, ATEX	HMIPCCT (3)		
Magelis Smart+ 15" screen, 100...240 V ~ Vijeo Citect Full 500 I/O	HMIPSF7APF3	Magelis Universal Panel PC 15" screen, 100...240 V ~ Vijeo Citect Full 500 I/O	HMIPUF7A2PF1		
		Magelis Universal Panel PC 15" screen, 100...240 V ~, ATEX	HMIPCCT (3)		
Magelis Compact iPC - General Purpose (with Hard disk)		Magelis Panel PC (Universal range)			
Magelis Compact iPC - General Purpose - 12" screen, 240 V ~	MPCKT22NAX20N	Magelis Universal Panel PC 12" screen, 240 V ---	HMIPUH6A0701 (4)		
Magelis Compact iPC - General Purpose 15" screen, 24 V ---	MPCKT55NDX20N	Magelis Universal Panel PC 15" screen, 24 V ---	HMIPUH7D2P01		
		Magelis Universal Panel PC 15" screen, 24 V ---, ATEX	HMIPTH7D2P01		
Magelis Compact iPC General Purpose - 15" screen, 100...240 V ~	MPCKT55NAX20N	Magelis Universal Panel PC 15" screen, 100...240 V ~	HMIPUH7A2P01		
Magelis Compact iPC - Heavy Duty (with Flash disk)		Magelis Panel PC (Universal range)			
Magelis Compact iPC - Heavy Duty - 12" screen, 240 V ~	MPCKT22MAX20N	Magelis Universal Panel PC 12" screen, 240 V ---	HMIPUF6A0701 (4)		
Magelis Compact iPC - Heavy Duty 15" screen, 100...240 V ~	MPCKT55MAX20N	Magelis Universal Panel PC 15" screen, 100...240 V ~	HMIPUF7A2P01		
		Cut-out or screen definition	Identical		
			Different		

(1) **ABL8RPS24050** or **ABL4RSM24050** Phaseo power supply (see page 2/26).

(2) Correspondence between different power supplies: 100...240 V ~/24 V ---.

(3) Made-to-order configuration (see page 2/27).

(4) if necessary, add module **HMIYPC1161** with 1 PCI slot (see page 2/26).

Old PC Panels		Replaced by Magelis Panel PC		Compatibility	
Description	References	Description	References	Cut-out for flush mounting	Screen definition
Magelis Compact iPC - Heavy Duty (with Flash disk) (continued)		Magelis Panel PC (Universal range) (continued)			
Magelis Compact iPC - Heavy Duty 15" screen, 100...240 V ~ Vijeo Citect Lite 1200 I/O	MPCKT55MAX20L	Magelis Universal Panel PC 15" screen, 100...240 V ~ Vijeo Citect Full 500 I/O	HMIPUF7A2PF1		
Magelis Compact iPC - Heavy Duty 15" screen, 100...240 V ~ Vijeo Citect Full 500 I/O	MPCKT55MAX20V	Configured Magelis Panel PC Universal Panel PC base with: ■ 15" screen, 100...240 V ~ ■ Vijeo Citect Lite 1200 I/O	HMIPCCP (5)		
Old Front Panels + Flex PC BOX		Replaced by Magelis iPC		Compatibility	
Description	References	Description	References (1)	Cut-out for flush mounting	Screen definition
Front Panels + Magelis Flex PC BOX		Magelis Panel PC or Magelis iDisplay + Magelis BOX PC			
Front Panel with 12" touch screen and keypad + Magelis Flex PC BOX 24 V ~ or 100...240 V ~ (2)	MPCYB20NNN00N + MPCF/H.....	Magelis Optimum/Universal/Performance Panel PC 15" touch screen, 24 V ~ or 100...240 V ~	HMIP...7..... (3)		
		Magelis iDisplay with 15" screen, 100...240 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	MPCYT50NAN00N (3) + HMIB..... (4)		
		Magelis iDisplay with 15" screen, 24 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	HMIDID7DT0 (3) + HMIB..... (4)		
		Magelis iDisplay with 15" screen and keypad, 100...240 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	MPCNB50NAN00N + HMIB..... (4)		
Front Panel with 15" touch screen + Magelis Flex PC BOX 24 V ~ or 100...240 V ~ (2)	MPCYT50NNN00N + MPCF/H.....	Magelis Optimum/Universal/Performance Panel PC 15" touch screen, 24 V ~ or 100...240 V ~	HMIP...7.....		
		Magelis iDisplay with 15" screen, 100...240 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	MPCYT50NAN00N + HMIB..... (4)		
		Magelis iDisplay with 15" screen, 24 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	HMIDID7DT0 + HMIB..... (4)		
Front Panel with 15" touch screen and keypad + Magelis Flex PC BOX 24 V ~ or 100...240 V ~ (2)	MPCYB50NNN00N + MPCF/H.....	Magelis iDisplay with 15" screen and keypad, 100...240 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	MPCNB50NAN00N + HMIB..... (4)		
Front Panel with 19" touch screen + Magelis Flex PC BOX 24 V ~ or 100...240 V ~ (2)	MPCYT90NNN00N + MPCF/H.....	Magelis Universal/Performance Panel PC 19" touch screen, 24 V ~ or 100...240 V ~	HMIP...9.....		
		Magelis iDisplay with 19" screen, 100...240 V ~ + Magelis Universal/Performance BOX PC, 24 V ~	MPCYT90NAN00N + HMIB..... (4)		
				Cut-out or screen definition	Identical
				Cut-out or screen definition	Different

(1) Complete references: Magelis Panel, see pages 2/5, 2/22 or 2/24 / Magelis iDisplay / Magelis BOX PC, refer to our website www.schneider-electric.com.

(2) Power provided by the Magelis Flex PC BOX CPU; the type of power supply depends on the CPU model.

(3) Correspondence between different screen functions: touch screen + keypad/touch screen.

(4) Correspondence between possibly different power supplies: 100...240 V ~/24 V ~.

(5) Made-to-order configuration (see page 2/27).

Magelis™ Box PC - Universal and Performance ranges**Selection guide** page 3/2**■ Presentation**

- Overview of the range
 - Universal Magelis BOX PC range..... page 3/4
 - Performance Magelis BOX PC range page 3/4
 - Made-to-order Magelis BOX PC range page 3/5
- USB accessories for HMI terminals page 3/5

■ Description

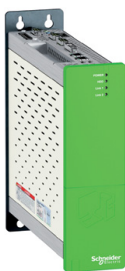
- Universal Magelis BOX PC CPUs, 1 PCI slot..... page 3/6
- Universal and Performance Magelis BOX PC CPUs, 2 PCI slots..... page 3/6
- Performance Magelis BOX PC CPUs, 5 PCI slots page 3/7

■ Reference

- Universal Magelis BOX PC, 1 or 2 PCI slots page 3/8
- Performance Magelis BOX PC, 2 or 5 PCI slots..... page 3/8
- Separate components page 3/9
- Configured Magelis BOX PC industrial PC page 3/10

- **Substitution**page 3/11

Industrial PCs
Magelis™ iPCs certified for automation
Magelis™ BOX PC
Universal and Performance ranges

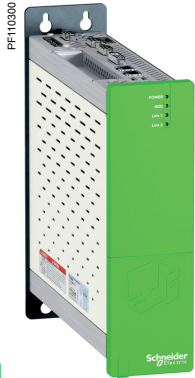
Type		Universal range - 1 PCI slot		
Industrial environments		Maintenance-free		Standard
				
Fanless		★★★★★	★★★★★	★★★★★
Non-rotative storage drive		★★★★★	★★★★★	—
CPU (1)	Processor	Intel® ATOM™ N270 (1.6 GHz)		
	PCI slot	1 PCI		
	Storage	Compact Flash card ≥ 4 GB (SLC technology)	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
	RAM (2)	1 GB	HMIBUFND1PF1: 2 GB HMIBUFND1P01: 1 GB	1 GB
	Integrated DVD-RW drive	—		
	Slide-in rack for peripheral device	1x slide-in compact rack for storage disk	1 x slide-in compact rack for storage disk (Flash disk or Hard disk included)	
	Integrated ports	2x Ethernet 10/100/1000 Mbps 1x USB 2.0 (1 A) on the front panel + 4x USB 2.0 (0.5 and 1 A) at the top 2x RS232C 1x DVI (VGA RGB adaptor, optional) 1x RS232C/RS422/RS485 HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)		
	Optional ports			
	Optional RAID PCI card			
Operating system		Windows® Embedded Standard 2009	Windows® XP Professional SP3	
Supply voltage	Voltage	24 V $\pm$ (± 25 %) (4)		
	Current (excluding PCI card)	Nominal current 6 A. Typical inrush current 7 A, 50 A < 300 μ s		
Mounting		Vertical, at the back of the enclosure ("book" format) or flat (requiring fan kit HMIYBFKT11)		
Overall dimensions (W x H x D in mm)		82 x 270 x 251		
Temperature	during operation	Conforming to IEC 61132-2, UL 508: 0...50 °C (mounted vertically) or 0...45 °C (mounted flat)		
Vibration resistance during operation	Continuous	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (5)		0.125 g from 5...100 Hz
	Non-continuous	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (5)		0.250 g from 5...100 Hz
	Merchant navy IACS E10	1 mm amplitude from 5...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance		—
Shock resistance		15 g/11 ms conforming to IEC 60068-2-27 test Ea		
Standards and certifications		CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), ATEX II 3 Dust zone 22, C-Tick, GOST		
Marine certification		Germanischer Lloyd (Bridge Class)	With additional power supply filter HMIYLFIMAR11	
Compatible screens		Complete range of Magelis iDisplay screens (refer to our website www.schneider-electric.com)		
Software	Vijeo Designer Run Time Demo	Vijeo Designer Run Time Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC)		
References	Vijeo Designer Run Time Demo	—	HMIBUFND1PF1	—
	Vijeo Citect Full 500 I/O	HMIBUCND1E01	HMIBUFND1P01	HMIBUHND1P01
	Vijeo Designer Run Time Demo			
Pages		3/8		
Made-to-order configuration		See configured Magelis BOX PC on page 3/10		

(1) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 3/10).
(2) For other available options (interface for backup battery, etc.) in made-to-order configuration, see pages 3/9 and 3/10.

Universal range - 2 PCI slots		Performance range - 2 PCI slots		Performance range - 5 PCI slots	
Maintenance-free	Standard	Harsh	Standard	Harsh	Standard
					
★★★★★	★★★★★	—	—	—	—
★★★★★	—	★★★★★	—	★★★★★	—
Intel® ATOM™ N270 (1.6 GHz)		Intel® Core™ 2 Duo P8400 (2.26 GHz) + Intel® GM45 chipset			
2 (1 PCI + 1 PCI Express®)				5 (2 PCI + 3 PCI Express®)	
Flash disk SSD ≥ 60 GB		Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB	Flash disk SSD ≥ 60 GB	Hard disk enterprise 24/7 ≥ 500 GB
HMIBUFND2PF1: 2 GB HMIBUFND2P01: 1 GB		HMIBPFDD27F1: 4 GB HMIBPFDD2701: 2 GB	2 GB	HMIBPFDD57F1: 4 GB HMIBPFDD5701: 2 GB	2 GB
1		1x slide-in compact rack for storage disk (Flash disk or Hard disk included) 1x slide-in rack for DVD-RW drive (included) or storage disk via adaptor (optional)		1 x slide-in compact rack for storage disk (Flash disk or Hard disk included) 1 x slide-in rack for DVD-RW drive (supplied) 1 x slide-in rack for storage disk via adaptor (optional)	
2x Ethernet 10/100/1000 Mbps					
1x USB 2.0 (1 A) on the front panel + 4x USB 2.0 (0.5 and 1 A) at the top					
2x RS232C					
1x DVI (VGA RGB adaptor, optional)					
1x RS232C/RS422/RS485, 1x DVI					
HMIYRAIDPCI11 RAID PCI card with 2 redundant hard disks (see page 2/27)					
Windows® XP Professional SP3		Windows® 7 Ultimate 64-bit			
24 V ~ (± 25 %) (4)					
Nominal current 6 A. Typical inrush current 7 A, 50 A < 300 µs					
Vertical, at the back of the enclosure ("book" format) or flat (requiring fan kit HMIYBFKT21, for BOX PC HMIBU●ND2P●1)					
121 x 270 x 251		136 x 270 x 251		217 x 270 x 251	
Conforming to IEC 61132-2, UL 508: 0...50 °C (mounted vertically) or 0...45 °C (mounted flat)					
1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (5)	0.125 g from 5...100 Hz	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (5)	0.125 g from 5...100 Hz	1.75 mm amplitude from 2...9 Hz, 0.5 g from 9...200 Hz (5)	0.125 g from 5...100 Hz
3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (5)	0.250 g from 5...100 Hz	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (5)	0.250 g from 5...100 Hz	3.5 mm amplitude from 2...9 Hz, 1 g from 9...200 Hz (5)	0.250 g from 5...100 Hz
1 mm from 5...13.2 Hz, 0.7 g from 13.2...100 Hz, 90 minutes endurance	—				
15 g/11 ms conforming to IEC 60068-2-27 test Ea					
CE, cULus (UL 508, CSA 22.2 n°142), cULus Haz Loc Class I Div 2 (ANSI/ISA 12.12.01, UL 1604, CSA 22.2 n°213), ATEX II 3 Dust zone 22, C-Tick, GOST					
With additional power supply filter HMIYLFIMAR11		—			
Complete range of Magelis iDisplay screens (refer to www.schneider-electric.com)					
Vijeo Designer Run Time Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC)					
HMIBUFND2PF1	—	HMIBPFDD27F1	—	HMIBPFDD57F1	—
HMIBUFND2P01	HMIBUHND2P01	HMIBPFDD2701	HMIBPHDD2701	HMIBPFDD5701	HMIBPHDD5701
3/8					
See configured Magelis BOX PC on page 3/10					

(4) For an ~ supply voltage, an external Phaseo power supply can be used (see page 3/9).
(5) Conforming to IEC 60068-2-6 Fc.





Universal BOX PC
1 PCI



Universal BOX PC/Performance BOX PC
1 PCI + 1 PCI Express®



Performance BOX PC
2 PCI + 3 PCI Express®

Presentation

The Magelis BOX PC industrial PC offer includes products that are rugged and certified for automation applications.

With its Universal (1 or 2 PCI slots) and Performance (2 or 5 PCI slots) ranges, this Magelis BOX PC offer is suitable for all types of use that do not require an integrated screen:

- In a maintenance-free environment: Fanless Magelis BOX PC (unaffected by dust, no filters to clean, etc.) and without any rotating parts such as a Hard disk. Data storage on Compact Flash card or on Flash disk offers good resistance to vibration and long life.
- In a harsh environment: Magelis BOX PC without Hard disk
- In a standard environment: Magelis BOX PC with Hard disk

In addition to the referenced offer, the flexibility offered by the modular design allows made-to-order configuration of the Magelis BOX PC (see page 3/10).

This offer is compatible with Magelis iDisplay screens (refer to our website www.schneider-electric.com).

Overview of the range

Universal Magelis BOX PC range (1) (2)

The Universal BOX PC range is equipped with the fanless Intel® ATOM™ N270 processor (1.6 GHz) and DDR2 RAM (3).

It is specifically for the following environments:

- "Maintenance-free" (fanless, with solid-state storage disk):
 - **HMIBUCND1E01:**
 - 1 PCI slot/Compact Flash card/Windows® Embedded Standard 2009, etc.
 - **HMIBUFND1P01** and **HMIBUFND1PF1:**
 - 1 PCI slot, Flash disk SSD, Windows® XP Professional SP3, etc.
 - **HMIBUFND2P01** and **HMIBUFND2PF1:**
 - 1 PCI + 1 PCI Express® slot/Flash disk SSD/Windows® XP Professional SP3, etc.
- Standard industrial environments (with Hard disk):
 - **HMIBUHND1P01:**
 - 1 PCI slot/Hard disk/Windows® XP Professional SP3, etc.
 - **HMIBUHND2P01:**
 - 1 PCI + 1 PCI Express® slot/Hard disk/Windows® XP Professional SP3, etc.

Performance Magelis BOX PC range (1) (2)

The Performance BOX PC range is equipped with the Intel® Core™ 2 Duo P8400 processor (2.26 GHz) + Intel® GM45 chipset and DDR3 RAM (3).

It is specifically for the following environments:

- Harsh industrial environments (with solid-state storage disk):
 - **HMIBPFDD2701** and **HMIBPFDD27F1:**
 - 1 PCI + 1 PCI Express® / Flash disk SSD/Windows® 7 Ultimate 64-bit, etc.
 - **HMIBPFDD5701** and **HMIBPFDD57F1:**
 - 2 PCI + 3 PCI Express® / Flash disk SSD/Windows® 7 Ultimate 64-bit, etc.
- Standard industrial environments (with Hard disk):
 - **HMIBPHDD2701:**
 - 1 PCI + 1 PCI Express® / Hard disk/Windows® 7 Ultimate 64-bit, etc.
 - **HMIBPHDD5701:**
 - 2 PCI + 3 PCI Express® / Hard disk/Windows® 7 Ultimate 64-bit, etc.

(1) Types of PCI slot: Half-format PCI 2.2 and half-format PCI Express® (1x for Magelis BOX PC 1 or 5 slots, 4x for Magelis BOX PC 2 slots).

(2) For description, see pages 3/6 and 3/7.

(3) Not user-expandable; increased capacity available in made-to-order configuration (see page 3/10).

Presentation (continued)

Overview of the range (continued)

Made-to-order Magelis BOX PC range (1)

On Universal and Performance Magelis BOX PC bases, it is possible to customize the CPU by selecting:

- The capacity of the Compact Flash card and the RAM
- The number of PCI and PCI Express® slots
- The operating system and dedicated HMI software
- Additional assembled options: PCI RAID card with 2 redundant Hard disks (2), battery-backed power supply interface module, etc.

For more information on HMIPCCB1 offer, see page 3/10.

USB accessories for HMI terminals

The Magelis™ USB accessories are designed to expand selection range of user applications by offering value-added/differentiated HMI solutions. These innovative USB accessories can be easily installed and operated with HMI terminals (3).

The Magelis USB accessories supported by Magelis BOX PC include:

- Harmony XB5S biometric USB switch
- Magelis HMIZ illuminated USB switch

For more information on HMI USB accessories, please refer to our website www.schneider-electric.com.

(1) Types of PCI slot: Half-format PCI 2.2 and half-format PCI Express® (1x for Magelis BOX PC 1 or 5 slots, 4x for Magelis BOX PC 2 slots).

(2) Operating temperature details available on our website www.schneider-electric.com.

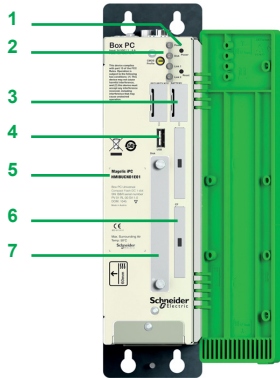
(3) Requires Vijeo Designer software running on the Magelis Box PC.

Industrial PCs

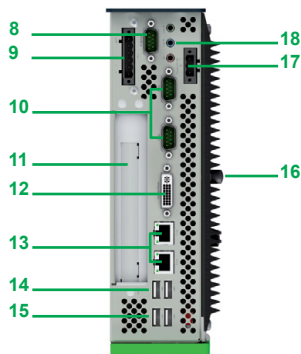
Magelis™ iPCs certified for automation

Magelis™ BOX PC

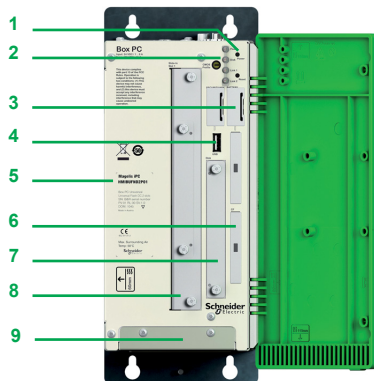
Universal and Performance ranges



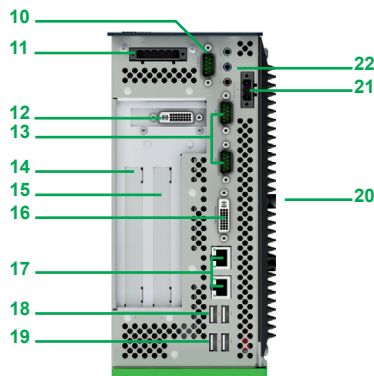
Front panel of Magelis BOX PC, door open
1 PCI slot



Top panel of Magelis BOX PC
1 PCI slot



Front panel of Magelis BOX PC, door open
2 PCI slots



Top panel of Magelis BOX PC
2 PCI slots

Description

Universal Magelis BOX PC CPUs, 1 PCI slot

Front panel, door open

- 1 2 pushbuttons: 1 for power supply and 1 for resetting
- 2 4 status and power supply LEDs, also visible with the front panel door closed
- 3 Battery
- 4 USB 2.0 port (1 A max.)
- 5 Identification (reference, serial number, etc.)
- 6 Slot for Compact Flash card:
 - With Compact Flash (SLC technology) ≥ 4 GB (BOX PC HMIBUCND1E01)
 - Free slot (BOX PC HMIBUFND1P●1, BOX PC HMIBUHND1P01)
- 7 Slide-in compact rack:
 - Free slot (BOX PC HMIBUCND1E01)
 - With Flash disk SSD ≥ 60 GB (BOX PC HMIBUFND1P●1)
 - With Hard disk enterprise 24/7 ≥ 500 GB (BOX PC HMIBUHND1P01)

Top panel

- 8 Free slot for additional RS232C/RS422/RS485 serial link interface (HMIYBINSL11) (1)
- 9 Free slot for battery-backed power supply interface module (2)
- 10 2 RS232C ports
- 11 Half-format PCI 2.2 slot
- 12 DVI port - RGB connection with adaptor (HMIYADDVIRGB11) (1)
- 13 2 Ethernet 10/100/1000 Mbps ports
- 14 2 USB 2.0 ports (0.5 A max.)
- 15 2 USB 2.0 ports (1 A max.)
- 16 Heat sink (3)
- 17 Connector for the CPU 24 V $\sim$ /6 A power supply (4)
- 18 Micro input, line input/line output

Universal and Performance Magelis BOX PC CPUs, 2 PCI slots

Front panel, door open

- 1 2 pushbuttons: 1 for the power supply and 1 for resetting
- 2 4 status and power supply LEDs, also visible with the front panel door closed
- 3 Battery
- 4 USB 2.0 port (1 A max.)
- 5 Identification (reference, serial number, etc.)
- 6 Free slot for Compact Flash card
- 7 Slide-in compact rack:
 - With Flash disk SSD ≥ 60 GB (BOX PC HMIB●F●D2●●1)
 - With Hard disk enterprise 24/7 ≥ 500 GB (BOX PC HMIB●H●D2●01)
- 8 Slide-in rack with the DVD-RW drive included (5). Can be used for an additional storage disk with adaptor (HMIYADSLIDEIN11) (1)
- 9 Access to the fan filters (7) (BOX PC HMIBP●DD●7●●1)

Top panel

- 10 Free slot for additional RS232C/RS422/RS485 serial link interface (HMIYBINSL11) (1)
- 11 Free slot for battery-backed power supply interface module (2)
- 12 Free slot for additional DVI interface (HMIYINDVIRGB11) (1)
- 13 2 RS232C ports
- 14 Half-format PCI Express® 4x slot
- 15 Half-format PCI 2.2 slot
- 16 DVI port - RGB connection with adaptor (HMIYADDVIRGB11) (1)
- 17 2 Ethernet 10/100/1000 Mbps ports
- 18 2 USB 2.0 ports (0.5 A max.)
- 19 2 USB 2.0 ports (1 A max.)
- 20 Heat sink (3)
- 21 Connector for the CPU 24 V $\sim$ /6 A power supply (4)
- 22 Micro input, line input/line output

(1) To be ordered separately (see page 3/9).

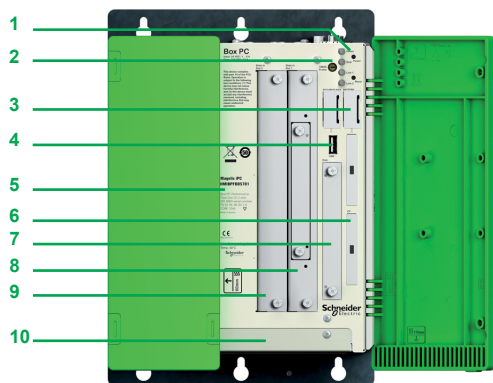
(2) To be ordered separately in made-to-order configuration (see page 3/10).

(3) For installation, please refer to the "product data sheet" on our website www.schneider-electric.com.

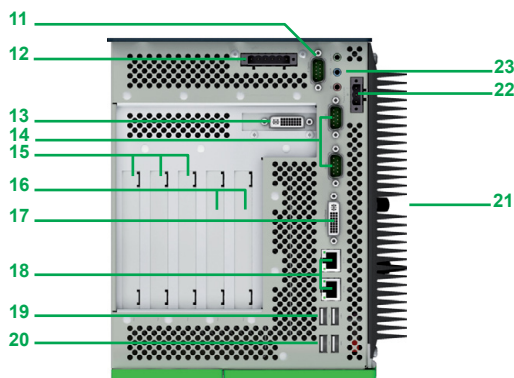
(4) Consumption excluding additional PCI card. For an $\sim$ supply voltage, an external Phaseo power supply can be used (see page 3/9).

(5) Operating temperature details available on our website www.schneider-electric.com.

(6) Fans can be replaced by the user using the BOX PC fan kit (to be ordered separately, see page 3/9).



Front panel of Magelis BOX PC, door open
5 PCI slots



Top panel of Magelis BOX PC
5 PCI slots

Description (continued)

Performance Magelis BOX PC CPUs, 5 PCI slots

Front panel, door open

- 1 2 pushbuttons: 1 for power supply and 1 for resetting
- 2 4 status and power supply LEDs, also visible with the front panel door closed
- 3 Battery
- 4 USB 2.0 port (1 A max.)
- 5 Identification (reference, serial number, etc.)
- 6 Free slot for Compact Flash card
- 7 Slide-in compact rack:
 - With Flash disk SSD ≥ 60 GB (BOX PC **HMIBPFDD57●1**)
 - With Hard disk enterprise 24/7 ≥ 500 GB (BOX PC **HMIBPHDD5701**)
- 8 Slide-in rack with the DVD-RW drive included (1)
- 9 Slide-in rack for additional storage disk with adaptor (**HMIYADSLIDEIN11**) (2)
- 10 Access to the fan filters (3)

Top panel

- 11 Free slot for additional RS232C/RS422/RS485 serial link interface (**HMIYBINSL11**) (2)
- 12 Free slot for battery-backed power supply interface module (4)
- 13 Free slot for additional DVI interface (**HMIYINDVIRGB11**) (2)
- 14 2 RS232C ports
- 15 3 half-format PCI Express® 1x slots
- 16 2 half-format PCI 2.2 slots
- 17 DVI port - RGB connection with adaptor (**HMIYADDVIRGB11**) (1)
- 18 2 Ethernet 10/100/1000 Mbps ports
- 19 2 USB 2.0 ports (0.5 A max.)
- 20 2 USB 2.0 ports (1 A max.)
- 21 Heat sink (5)
- 22 Connector for the CPU 24 V $\sim$ /6 A power supply (6)
- 23 Micro input, line input/output

(1) Operating temperature details available on our website www.schneider-electric.com.

(2) To be ordered separately (see page 3/9).

(3) Fans can be replaced by the user using the BOX PC fan kit (to be ordered separately, see page 3/9).

(4) To be ordered separately in made-to-order configuration (see page 3/10).

(5) Refer to the installation precautions available on our website www.schneider-electric.com.

(6) Consumption excluding additional PCI card. For an $\sim$ supply voltage, an external Phaseo power supply can be used (see page 3/9).

Industrial PCs

Magelis™ iPCs certified for automation

Magelis™ BOX PC

Universal and Performance ranges



HMIBU●ND1●●1

3

HMIBU●ND2P●1
HMIBP●DD27●1

HMIBP●DD57●1

Universal Magelis BOX PC, 1 or 2 PCI slots

(Intel® ATOM™ N270 processor (1.6 GHz)/DDR2 RAM/24 V ~ supply voltage) (1)

PCI slot	Operating system	Software	Storage disk	DDR2 RAM (4)	Reference	Weight kg/lb
For maintenance-free environment						
1 PCI	Windows® Embedded Standard 2009 (2)	Vijeo Designer RT Demo (3)	Compact Flash ≥ 4 GB (SLC technology)	1 GB	HMIBUCND1E01	4.000/ 8.818
		Vijeo Designer RT Demo (3)	Flash disk SSD ≥ 60 GB	1 GB	HMIBUFND1P01	4.000/ 8.818
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Flash disk SSD ≥ 60 GB	2 GB	HMIBUFND1PF1	4.000/ 8.818
1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (3)	Flash disk SSD ≥ 60 GB	1 GB	HMIBUFND2P01	5.000/ 11.023
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Flash disk SSD ≥ 60 GB	2 GB	HMIBUFND2PF1	5.000/ 11.023

For standard industrial environment

1 PCI	Windows® XP Professional SP3	Vijeo Designer RT Demo (3)	Hard disk enterprise 24/7 ≥ 500 GB	1 GB	HMIBUHND1P01	4.000/ 8.818
1 PCI + 1 PCI Express®	Windows® XP Professional SP3	Vijeo Designer RT Demo (3)	Hard disk enterprise 24/7 ≥ 500 GB	1 GB	HMIBUHND2P01	5.000/ 11.023

Performance Magelis BOX PC, 2 or 5 PCI slots

(Intel® Core™ 2 Duo P8400 processor (2.26 GHz) / DDR3 RAM / 24 V ~ supply voltage) (1)

PCI slot	Operating system	Software	Storage disk	DDR3 RAM (4)	Reference	Weight kg/lb
For standard industrial environment						
1 PCI + 1 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (3)	Hard disk enterprise 24/7 ≥ 500 GB	2 GB	HMIBPHDD2701	6.000/ 13.227
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Hard disk enterprise 24/7 ≥ 500 GB	2 GB	HMIBPHDD5701	7.000 / 15.432
2 PCI + 3 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (3)	Flash disk SSD ≥ 60 GB	2 GB	HMIBPFDD2701	6.000/ 13.227
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Flash disk SSD ≥ 60 GB	4 GB	HMIBPFDD27F1	6.000/ 13.227
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Flash disk SSD ≥ 60 GB	2 GB	HMIBPFDD5701	7.000/ 15.432
2 PCI + 3 PCI Express®	Windows® 7 Ultimate 64-bit	Vijeo Designer RT Demo (3)	Flash disk SSD ≥ 60 GB	2 GB	HMIBPFDD5701	7.000/ 15.432
		Vijeo Designer RT Demo (3) Vijeo Citect Full 500 I/O	Flash disk SSD ≥ 60 GB	4 GB	HMIBPFDD57F1	7.000/ 15.432

(1) For an ~ supply voltage, an external Phaseo power supply can be used (see page 3/9).

(2) Windows® Embedded Standard 2009 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian). Also includes:

- Acrobat Reader, Word/Excel/Power Point Viewer
- Framework.Net 3.5
- Web browser
- Vijeo Citect Web Client
- Vijeo Designer Run Time Demo (3)

(3) Vijeo Designer RT (Run Time) Demo (21-day trial version). Unlimited license, to be ordered separately (VJDSNRTMPC) (see page 3/9).

(4) Memory capacity not user-expandable; increased capacity available in made-to-order configuration (see page 3/10).

Separate components					
Description	Details	Compatible with Magelis BOX PC ranges:		Reference	Weight kg/lb
		Universal	Performance		
Storage disks, peripheral equipment, kits					
Hard disk	500 GB, blank	All models		HMIYHDD050011	—
Flash disk SSD	60 GB, blank	All models		HMIYSDD006011	—
Compact Flash card (SLC technology)	2 GB, blank	All models		HMIYCFS0211	—
	4 GB, blank	All models		HMIYCFS0411	—
	8 GB, blank	All models		HMIYCFS0811	—
DVD-RW drive for slide-in rack (1)	CD-RW and DVD-RW reader/writer	BOX PC, 2 PCI and 5 PCI slots		HMIYDRDVDRW11	—
Slide-in adaptor for storage disk (7)	Used to insert a Hard disk or an SSD Flash disk in a slide-in rack	BOX PC, 2 PCI and 5 PCI slots		HMIYADSLIDEIN11	—
Additional DVI interface	Provides a second DVI interface	BOX PC, 2 PCI and 5 PCI slots		HMIYINDVIRGB11	—
DVI/VGA RGB adaptor	For connecting an RGB screen to the integrated DVI port	All models		HMIYADDVIRGB11	—
RAID PCI card with 2 redundant Hard disks (1)	PCI card equipped with two redundant Hard disks enterprise 24/7 ≥ 500 GB	All models		HMIYRAIDPCI11	—
Hard disk for RAID PCI card	Replacement Hard disk for RAID PCI card HMIYRAIDPCI11	BOX PC + RAID PCI card HMIYRAIDPCI11		HMIYRAIDD050011	—
Additional serial link interface	RS232C/RS422/RS485 serial link	All models		HMIYBINSL11	—
Backup power supply kit	Provides an uninterruptible power supply. Includes: ■ 1 backup battery ■ 1 x 3 m cordset	Magelis BOX PC configured with battery-backed power supply interface module (2)		HMIYUPSKT11	—
Power supply filter for marine certification	Necessary for compliance with marine certification.	BOX PC: HMIBUCND1E01 and HMIBUFND●P●1	—	HMIYLFIMAR11	—
Maintenance kit for BOX PC	Includes: ■ 1 x 3-way removable connector for 24 V ~ power supply ■ 15 replacement filters for fan, including: □ 5 for Magelis BOX PC - 1 PCI □ 5 for Magelis BOX PC - 2 PCI □ 5 for Magelis BOX PC - 5 PCI	All models		HMIYBMKT11	—
Fan kit for BOX PC	Enables: ■ Replacement of fans by the user ■ Flat mounting of fanless Magelis BOX PC (3)	BOX PC, 1 PCI		HMIYBFKT11	—
		BOX PC, 2 PCI		HMIYBFKT21	—
		BOX PC, 5 PCI		HMIYBFKT51	—
Software					
Vijeo Designer Run Time license for 1 workstation	Converts the 21-day trial version of Vijeo Designer Run Time Demo to an unlimited license.	All models		VJDSNRTMPC	—
Intelligent Data Service license extension for Vijeo Designer Run Time for 1 workstation	Used to track the process variables and all operator actions, and offers visibility of the key process values	All models (requires storage capacity ≥ 4 GB)		VJDSNTRCKV60M	—
External Phaseo power supply					
Phaseo regulated switch mode power supply ABL 8 Rail mounting	Input voltage: 100...120 V/200...500 V ~ (4) Output voltage: 24 V ~ Power: 120 W	All models		ABL8RPS24050 (5) (6)	0.700/ 1.543
Phaseo regulated switch mode power supply ABL 4 Rail mounting	Input voltage: 100...230 V ~ (4) Output voltage: 24 V ~ Power: 120 W	All models		ABL4RSM24050 (5) (6)	0.500/ 1.102

(1) Operating temperature details available on our website www.schneider-electric.com.

(2) For configured Magelis BOX PC see page 3/10.

(3) Operating temperature for flat mounting: 0...45 °C (see pages 3/2 and 3/3).

(4) Single-phase connection. Phase-to-phase connection possible on certain American line supplies, please contact our Customer Care Center.

(5) If adding a PCI card, you need to select a Phaseo power supply with a power rating suitable for the extra consumption. Please refer to the "Phaseo power supply and transformer" catalog on our website www.schneider-electric.com.

(6) To order this reference, please contact our Customer Care Center.

(7) The user has to check for third party drive compliancy.

Configured Magelis BOX PC industrial PC

With the “configured PC” service, Schneider Electric offers a vast number of configuration combinations for Magelis PCs.

This service, available exclusively from our Customer Care Center, allows users to configure a certified product suitable for specific automation applications and environments, based on Universal and Performance Magelis BOX PCs.

Our Customer Care Center draws up:

- The complete parts list for the configured Magelis BOX PC
- Its selling price
- The complete reference (root + code which varies according to the configuration)
- A purchase order

Ordering procedure for a configured Magelis BOX PC

- 1 Please contact our Customer Care Center.
- 2 State the reference root **HMIPCCB1** corresponding to a request for a configured Magelis BOX PC. It will be completed with the variable part of the reference, once configuration is complete.
- 3 Configure your Magelis BOX PC (see table below).
- 4 Confirm your order.

References

Description			Reference	Weight kg/lb
Configured Magelis BOX PC (1)	Reference root to be stated to our Customer Care Center. The configuration should be made up from the components below.		HMIPCCB1 (2)	—
Description	Available on Magelis BOX PC base		Reference	Weight kg/lb
	Universal Processor Intel® ATOM™ N270 (1.6 GHz) DDR2 RAM Supply voltage 24 V --- supply voltage	Performance Intel® Core™ 2 Duo P8400 processor (2.26 GHz) DDR3 RAM 24 V --- supply voltage		
RAM	3 GB max. (DDR2)	8 GB max. (DDR3)	(2)	—
Peripheral storage devices	Compact Flash card 8 GB max. (SLC technology) Up to 2 Flash disks SSD ≥ 60 GB Up to 2 Hard disks enterprise 24/7 ≥ 500 GB			
Other peripheral device	DVD-RW drive			
PCI slot configuration	1 PCI or 1 PCI Express® 1 PCI + 1 PCI Express® or 2 PCI 2 PCI + 3 PCI Express® or 4 PCI + 1 PCI Express®			
Operating systems	Windows® Embedded Standard 2009 Windows® Embedded Standard 7 32-bit Windows® XP PRO SP3 Windows® 7 Ultimate 32-bit Windows® 7 Ultimate 64-bit			
Software	Vijeo Designer Run Time Vijeo Citect			
Assembled options	RAID PCI card with 2 redundant Hard disks Interface module for backup power supply required for the HMIYUPSKT11 backup power supply kit (see page 3/9) Additional RS232C/RS422/RS485 serial link interface Additional DVI interface (needs a configuration with 2 or 5 PCI/PCI Express® slots)			

(1) Please contact our Customer Care Center.

(2) The reference of configured Magelis BOX PC industrial PCs is made up of a root (HMIPCCB1) followed by a variable part generated during configuration.

Old industrial PCs		Replaced by Magelis BOX PCs	
Description	Reference	Description	References
Magelis Smart BOX		Magelis BOX PC (1 PCI slot)	
Magelis Smart BOX 100...240 V ~	MPCSN01NAJ00T	Universal Magelis BOX PC	HMIBUCND1E01 + Phaseo power supply (1)
Magelis Smart BOX 24 V ---	MPCSN01NDJ00T	Universal Magelis BOX PC	HMIBUCND1E01
Magelis Compact PC BOX (1 PCI slot)		Magelis BOX PC (1 PCI slot)	
Magelis Compact PC BOX 100...240 V ~	MPCKN02NAX00N	Universal Magelis BOX PC	HMIBUHND1P01 + Phaseo power supply (1)
Magelis Flex PC BOX F (2 PCI slots)		Magelis BOX PC (2 PCI slots)	
Magelis Flex PC BOX (Celeron M) 100...240 V ~	MPCFN02NAX00N	Universal Magelis BOX PC	HMIBUHND2P01 + Phaseo power supply (1)
Magelis Flex PC BOX (Celeron M) 24 V ---	MPCFN02NDX00N	Universal Magelis BOX PC	HMIBUHND2P01
Magelis Flex PC BOX (Core Duo) 100...240 V ~	MPCFN05NAX00N	Performance Magelis BOX PC	HMIBPHDD2701 + Phaseo power supply (1)
Magelis Flex PC BOX (Core Duo) 24 V ---	MPCFN05NDX00N	Performance Magelis BOX PC	HMIBPHDD2701
Magelis Flex PC BOX (Core Duo) 100...240 V ~	MPCFN05MAX00N	Performance Magelis BOX PC	HMIBPFDD2701 + Phaseo power supply (1)
Magelis Flex PC BOX (Core Duo) 100...240 V ~ Vijeo Citect Full 500 I/O	MPCFN05MAX00V	Performance Magelis BOX PC Vijeo Citect Full 500 I/O	HMIBPFDD27F1 + Phaseo power supply (1)
Magelis Flex PC BOX H (4 PCI slots)		Magelis BOX PC (5 PCI slots)	
Magelis Flex PC BOX (Celeron M) 100...240 V ~	MPCHN02NAX00N	Performance Magelis BOX PC	HMIBPHDD5701
Magelis Flex PC BOX (Core Duo) 100...240 V ~	MPCHN05NAX00N	Performance Magelis BOX PC	HMIBPHDD5701 + Phaseo power supply (1)
Magelis Flex PC BOX (Core Duo) 100...240 V ~ with backup battery	MPCHN05NBX00N	Configured Magelis BOX PC (2)	HMIPCCB1B5CB26K10N + kit HMIYUPSKT11 + Phaseo power supply (1)
Magelis Flex PC BOX (Core Duo) 24 V ---	MPCHN05NDX00N	Performance Magelis BOX PC	HMIBPHDD5701
Magelis Flex PC BOX (Core Duo) 100...240 V ~	MPCHN05MAX00N	Performance Magelis BOX PC	HMIBPFDD5701 + Phaseo power supply (1)
Magelis Flex PC BOX (Core Duo) 100...240 V ~ Vijeo Citect Full 500 I/O	MPCHN05MAX00V	Performance Magelis BOX PC Vijeo Citect Full 500 I/O	HMIBPFDD57F1 + Phaseo power supply (1)

(1) **ABL8RPS24050** or **ABL4RSM24050** Phaseo power supply (see page 3/9).

(2) See page 3/10.

- How to find products?
 - Search, visualize, and download page 4/2
 - Access product references with adapted tools page 4/4
 - Compare, select, and compile page 4/6
 - Check the product status, design your equipment page 4/7
- Product references index Page 4/8

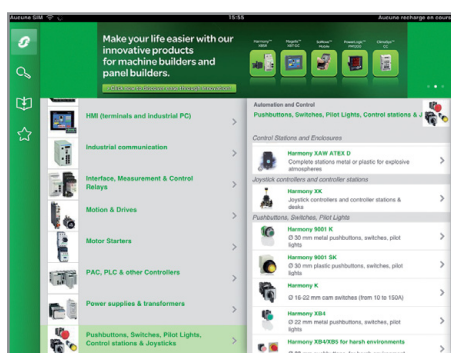
Search, visualize, and download

Use your tablet or your PC to quickly access detailed and comprehensive information on our products

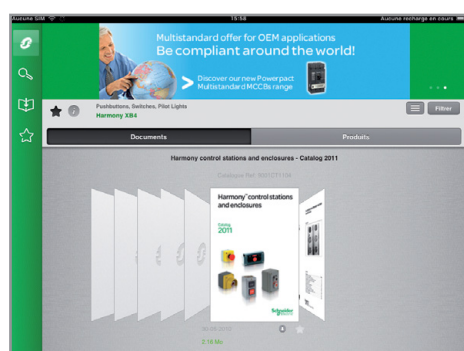


Tablets

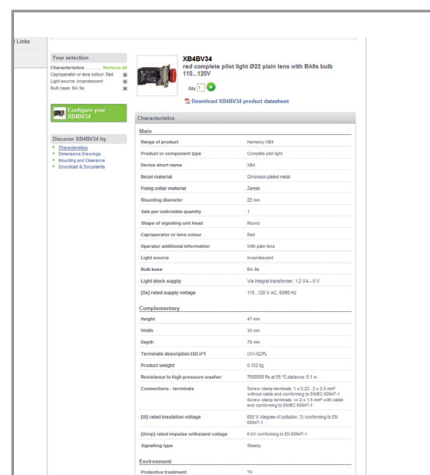
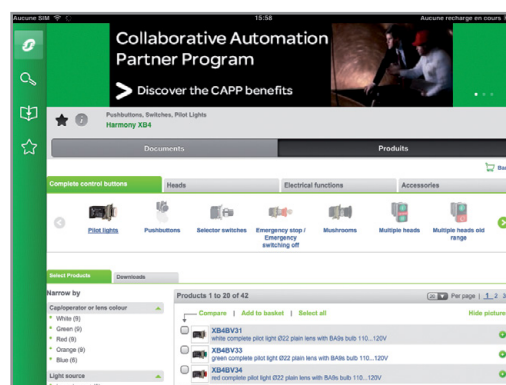
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Product ranges
displayed by function



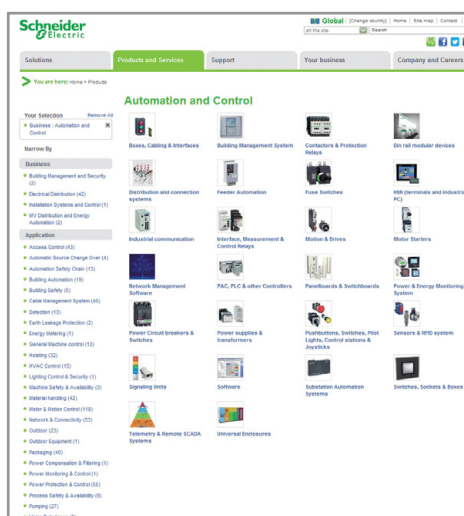
Dynamic catalogs
(hyperlinks, video, ...)



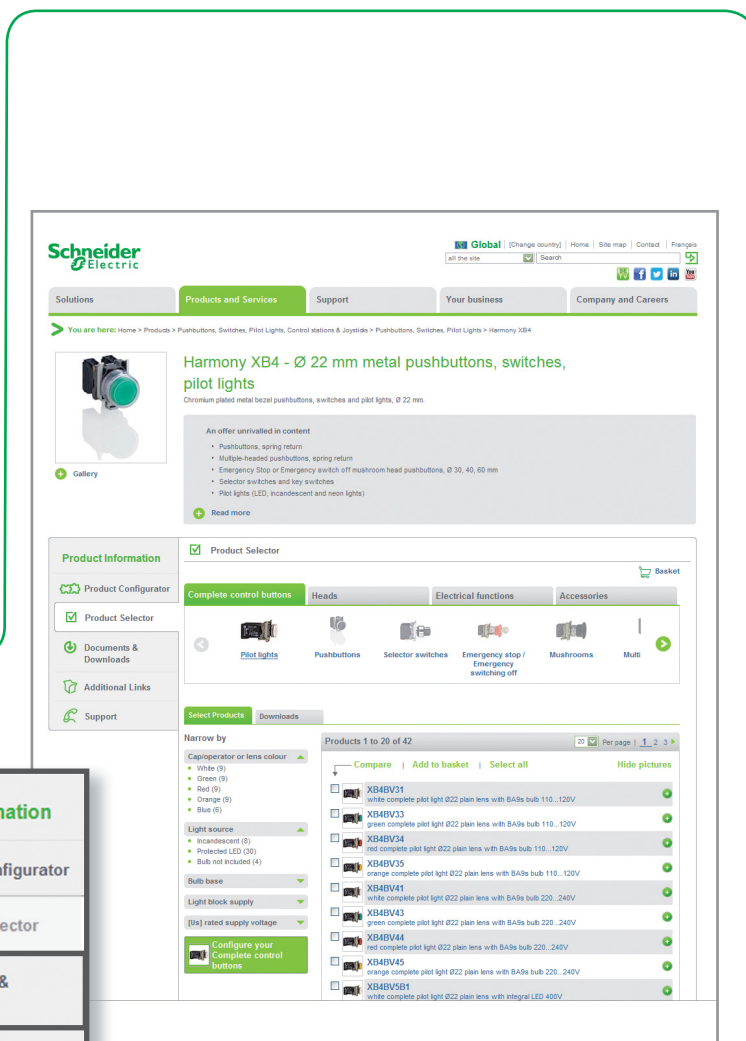
Product selector: dynamic filters to
get easily your part number

Personal computer

Path: www.schneider-electric.com > **Products and Services** > Automation and control > Product offer



Product ranges
displayed by function



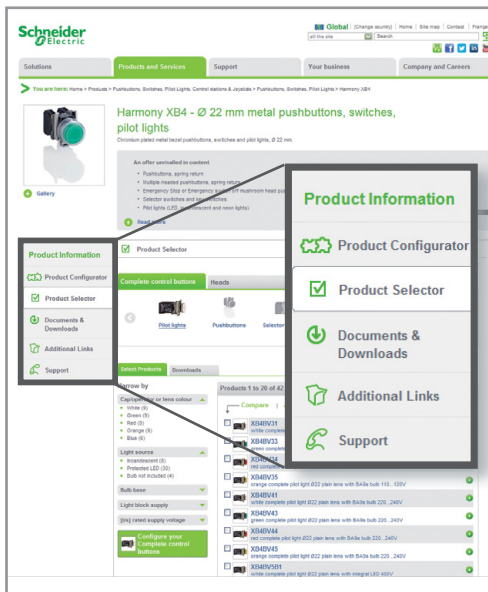
Dynamic catalogs
(hyperlinks, video, ...)

Product selector: dynamic filters to
get easily your part number

Access product references with adapted tools

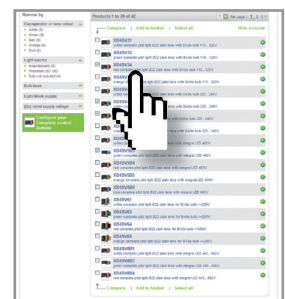
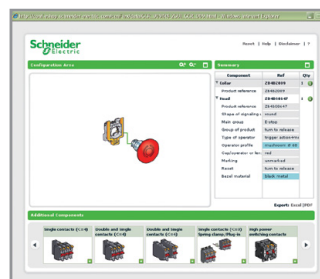
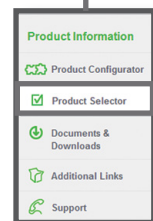
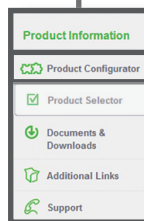


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer

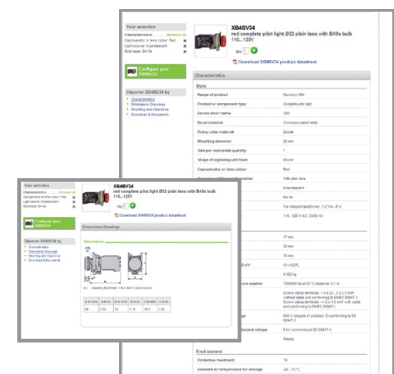


Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions



Product data sheet
with technical characteristics
and dimensions

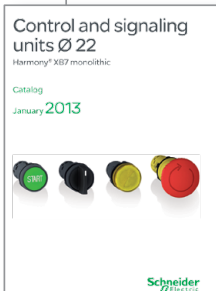
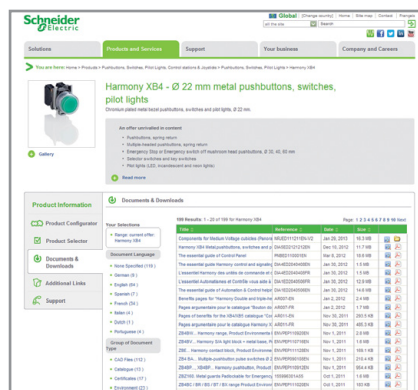
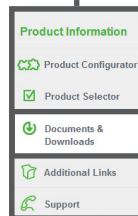


Dimensions

**Technical
characteristics**

Documents and downloads

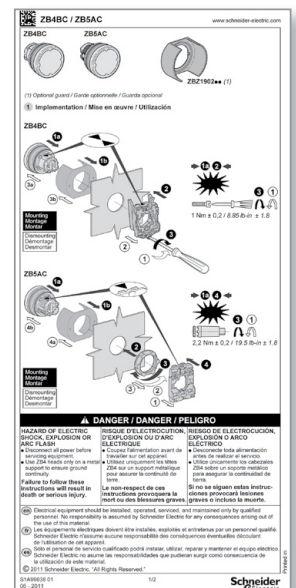
Visualize and download catalogues, technical publications, certificates, etc.



Essential guides



Certificates



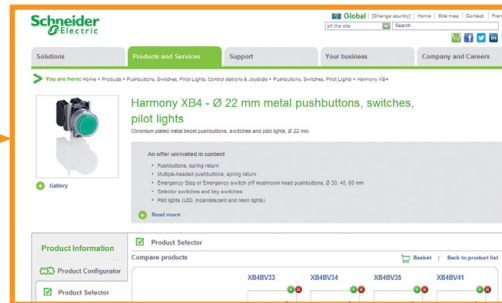
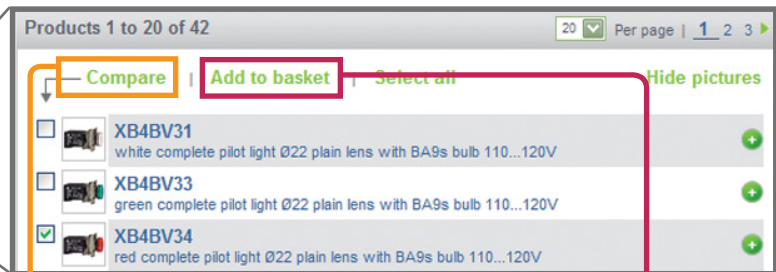
Technical publications

Dynamic catalogs

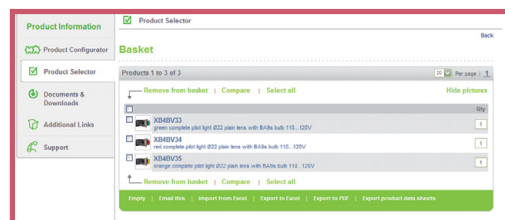
Compare, select, and compile



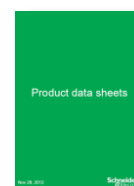
Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*



Compare technical characteristics



Select and store your products into the basket



Compile data sheets in a unique document

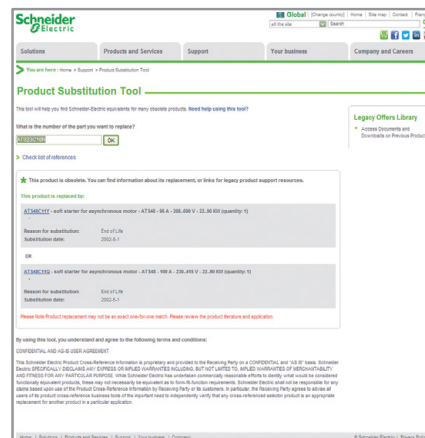
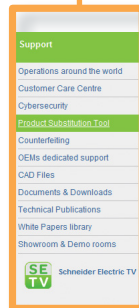
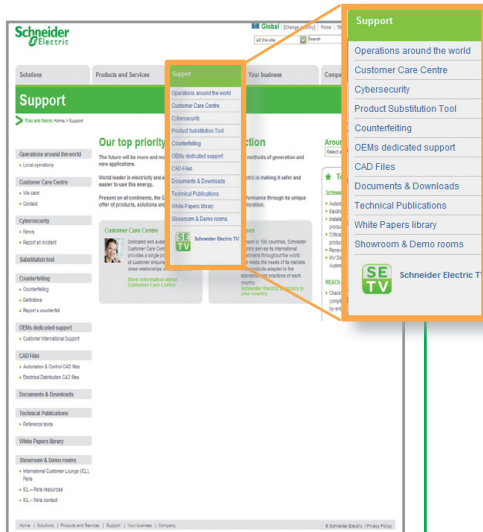
* Example of research on a product

Check the product status, design your equipment

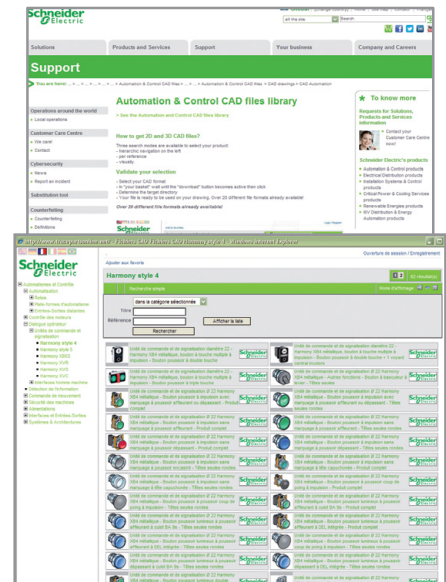


Path: www.schneider-electric.com > **Support** > Product Substitution Tool

Path: www.schneider-electric.com > **Support** > CAD files



Product status:
indicate whether the product
is still commercialized.
Otherwise, the tool suggests a
product substitution.



CAD files:
available in various formats
they will be easily integrated
into your installation design
software.

Please note that references to products and services are just examples.

A			
ABL4RSM24050	2/28 3/9		
ABL8RPS24050	2/28		
ABL8RPS24050	3/9		
H			
HMIBPFDD27F1	3/8 3/11		
HMIBPFDD57F1	3/8 3/11		
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MPCKT22NAX20N	2/30		
MPCKT55MAX20L	2/31		
MPCKT55MAX20N	2/30		
MPCKT55MAX20V	2/31		
MPCKT55NAX20N	2/30		
MPCKT55NDX20N	2/30		
MPCNB50NAN00N	2/31		
MPCSN01NAJ00T	3/11		
MPCSN01NDJ00T	3/11		
MPCST11NAJ00T	2/30		
MPCST11NDJ00T	2/30		
MPCST21NAJ20T	2/30		
MPCST21NDJ20T	2/30		
MPCST52NAJ20H	2/30		
MPCST52NAJ20T	2/30		
MPCST52NDJ20T	2/30		
MPCYB20NNN00N	2/31		
MPCYB50NNN00N	2/31		
MPCYK20SPSKIT	2/26 2/27		
MPCYK50SPSKIT	2/27		
MPCYK90SPSKIT	2/27		
MPCYT50NAN00N	2/31		
MPCYT50NNN00N	2/31		
MPCYT90NAN00N	2/31		
MPCYT90NNN00N	2/31		
V			
VJDSNRTMPC	2/28 3/9		
VJDSNTRCKV60M	2/28 3/9		

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