

## Industrial Panel PCs

### Industrial Panel PC Selection Guide

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**IPPC-9171G**

Rugged Pentium 4 Industrial Panel PC with 17" LCD

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**IPPC-9151G**

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# Industrial Panel PC Selection Guide

Specifications		Model	IPPC-9171G	IPPC-9151G
LCD Display	Type		SXGA TFT LCD	XGA TFT LCD
	Size		17"	15"
	Max. Resolution		1280 x 1024	1024 x 768
	Max. Colors		16.2 M (RGB 6-bit + FRC data)	262,144
	Viewing Angle (H,V°)		140,130	120, 100
	Luminance (cd/m <sup>2</sup> )		260	350
	Backlight Life (hrs)		50,000	50,000
	Contrast Ratio		450:1	400:1
CPU			Socket 478 Pentium 4 (up to 2.8 GHz)	Socket 478 Pentium 4 (up to 2.8 GHz)
Memory			Up to 2 GB DDR SDRAM (DDR-DIMM 184 pin)	Up to 2 GB DDR SDRAM (DDR-DIMM 184 pin)
IEEE 1394 (Firewire) Ports			Two	Two
Serial Ports			1 x RS-232, 1 x RS-232/422/485	1 x RS-232, 1 x RS-232/422/485
Parallel Ports			One	One
Video Ports			S-Video x 1	S-Video x 1
USB Ports			4 x USB 2.0	4 x USB 2.0
Network (LAN)			10/100Base-T	10/100Base-T
Floppy Disk Drive			One	One
CD-ROM Drive			Slim Type x 1	Slim Type x 1
Hard Disk Drive (Optional)			1 x 3.5"	1 x 3.5"
PCMCIA Slot			Type II x 2	Type II x 2
Expansion Slots			2 x PCI	2 x PCI
Touchscreen Type (Optional)			Resistive	Resistive
Power Supply (AC)			180 W	180 W
Operating Temperature			0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)
Storage Temperature			-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)
Certifications			BSMI CCC, CE, FCC UL	BSMI, CCC, CE, FCC, UL
Dimensions (W x H x D)			482 x 354.8 x 162 mm (18.97" x 13.96" x 6.37")	428 x 310 x 150 mm (16.85" x 12.2" x 5.9")
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IPPC-9151F	IPPC-9150G	IPPC-9120G
XGA TFT LCD	XGA TFT LCD	SVGA TFT LCD
15"	15"	12.1"
1024 x 768	1024 x 768	800 x 600
262,144	262,144	262,144
120, 100	120,100	100, 60
350	350	340
50,000	50,000	50,000
400:1	400:1	300:1
Socket 478 Pentium 4 (up to 2.8 GHz)	Socket 370 Pentium III (up to 1.26 GHz) Socket 370 Celeron (up to 1.2 GHz)	Socket 370 Pentium III (up to 1.26 GHz) Socket 370 Celeron (up to 1.2 GHz)
Up to 2 GB DDR SDRAM (DDR-DIMM 184 pin)	Up to 1 GB SDRAM (SODIMM 168 pin)	Up to 1 GB SDRAM (SODIMM 168 pin)
Two	-	-
1 x RS-232, 1 x RS-232/422/485	2 x RS-232, 1 x RS-232/422/485 (IPPC-9150G-RAE) 3 x RS-232, 1 x RS-232/422/485 (IPPC-9150G-XAE)	2 x RS-232, 1 x RS-232/422/485 (IPPC-9120G-RAE) 3 x RS-232, 1 x RS-232/422/485 (IPPC-9120G-XAE)
One	One	One
S-Video x 1	-	-
4 x USB 2.0	2 x USB 1.1	2 x USB 1.1
10/100Base-T	10/100Base-T	10/100Base-T
One	-	-
Slim Type x 1	Slim Type x 1	Slim Type x 1
1 x 3.5"	2.5" x 1	2.5" x 1
Type II x 2	Type II x 2	Type II x 2
2 x PCI	PCI x 1, PCI/ISA x 1	PCI x 1, PCI/ISA x 1
Resistive	Resistive	Resistive
180 W	100 W	100 W
0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)	0 ~ 50° C (32 ~ 122° F)
-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)
BSMI, CCC, CE, FCC, UL	BSMI, CCC, CE, FCC, UL	BSMI, CCC, CE, FCC, UL
428 x 310 x 150 mm (16.85" x 12.2" x 5.9")	402 x 302 x 127 mm (15.9" x 11.9" x 5")	402 x 302 x 127 mm (15.9" x 11.9" x 5")
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1  
PAC & Software

2  
BAS

3  
UNO

4  
RS-485 I/O

5  
Ethernet I/O

6  
TPC

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IPPC

8  
FPM

9  
AWS

10  
Plug-in I/O

11  
CompactPCI

12  
Signal Conditioning

13  
USB I/O

14  
Motion Control I/O

15  
Ethernet Switch

16  
EDG

17  
ICOM

# IPPC-9171G

## Rugged Intel® Pentium® 4 Industrial Panel PC with 17" LCD



### Features

- Intel® Pentium® 4 processor up to 2.8 GHz
- 17" SXGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI add-on cards
- Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Front access USB connector
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

### Introduction

The IPPC-9171G is an Industrial Panel PC with support for Pentium 4 processors to meet the demands of today's applications. The IPPC-9171G is a rugged unit with an aluminum panel, tempered glass, 17" TFT LCD, a stainless steel structure and two expansion slots. The IPPC-9171G is rugged enough to handle the toughest industrial operating environments.

With optional mounting accessories from panels to racks, it can be mounted almost anywhere.

### Specifications

#### General

- **BIOS** Award® 256KB Flash BIOS
- **Certifications** CCC, CE, FCC, UL, BSMI
- **Cooling System** 2 x 10.1 CFM fans w/50,000 hrs MTBF
- **Dimensions (W x H x D)** 482 x 354.8 x 162 mm (18.97" x 13.96" x 6.37")
- **Disk Drive Bay** Supports one 3.5" HDD and build-in slim type CD-ROM & FDD
- **Enclosure** Stainless steel back housing  
10 mm thick aluminum front panel
- **Mounting** Panel, rack
- **Power Input** 100 ~ 240 V<sub>AC</sub> @ 50 ~ 60 Hz, 2 A
- **Power Output** + 5 V @ 15 A, +12 V @ 5 A, -12 V @ 0.5 A
- **Power Supply** 180 W, MTBF: 200,000 hrs
- **Weight (Gross)** 13 kg (28 lb)

#### System Hardware

- **Audio Ports** Mic-in, Line-in, Line-out, and game port
- **Chipset** Intel 845GV
- **CPU** Socket 478, Intel Pentium 4 up to 2.8 GHz  
Intel Celeron® up to 2.5 GHz (400/533 MHz)
- **Expansion Slots** 2 x low-profile PCI
- **IEEE-1394 Ports** 2 x IEEE 1394 ports (Firewire)
- **Keyboard/Mouse** 1 x PS/2 mouse and keyboard interface
- **LAN** 1 x 10/100Base-T
- **Memory** Two 184 pin DDR DIMM sockets supports up to 2 GB (Clock 266)
- **Parallel Port** 1 x standard parallel port  
1 x enhanced parallel port, supports SPP/EPP/ECP parallel mode. BIOS configurable to LPT1, LPT2, LPT3 or disabled
- **PCMCIA Slots** 2 x Type II

- **Serial Ports** 1 x RS-232, 1 x RS-232/422/485
- **USB Ports** 4 x USB 2.0
- **Video Port** S-Video

#### LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 450 : 1
- **Display Size** 17"
- **Display Type** SXGA TFT LCD
- **Luminance** 260 cd/m<sup>2</sup>
- **Max. Colors** 16.2 M (RGB 6-bit + FRC data)
- **Max. Resolution** 1280 x 1024
- **OSD Control** LCD ON/OFF, Brightness down, up
- **Viewing Angle (H/V°)** 140/130

#### Touchscreen (Optional)

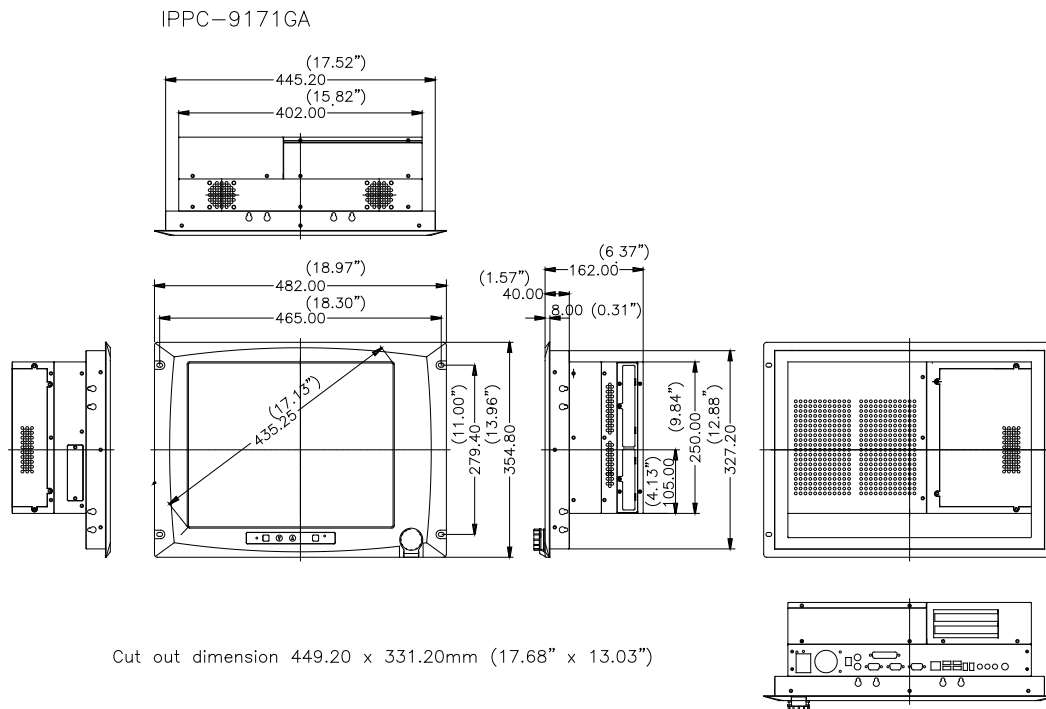
- **Interface** USB
- **Lifespan** 1 million touch lifetime at the single point
- **Light Transmission** 75%
- **OS Support** Windows 95/98/2000/XP
- **Type** Analog resistive (8-wire)

#### Environment

- **Humidity** 5 ~ 85% RH @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1 G<sub>RMS</sub> random vibration (operating)

## Dimensions

Unit: mm



## Ordering Information

- **IPPC-9171G-XAE** Rugged Pentium 4 Industrial Panel PC with 17" LCD
- **IPPC-9171G-RAE** IPPC-9171G-XAE with Resistive Touchscreen

## Accessories

- **CDR-9151-COMBO** Slim type Combo CD-ROM

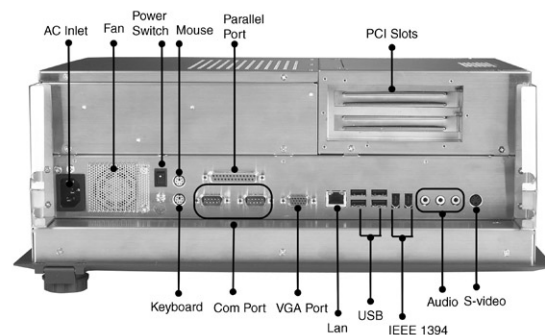
### Notes:

1. When used in a panel mounted environment, the panel's thickness can not be over 10 mm
2. 4 mm stainless front panel supported by request

## Back View



## Bottom View



1  
PAC & Software

2  
BAS

3  
UNO

4  
RS-485 I/O

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Ethernet I/O

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TPC

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IPPC

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FPM

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AWS

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Plug-in I/O

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CompactPCI

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Signal Conditioning

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USB I/O

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Motion Control I/O

15  
Ethernet Switch

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EDG

17  
ICOM

# IPPC-9151G IPPC-9151F

**Rugged Intel® Pentium® 4  
Industrial Panel PC with  
15" LCD**

**NEW**



## Features

- Intel® Pentium® 4 processors up to 2.8 GHz
- 15" XGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI add-on cards
- Front access USB connector
- Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Built-in FDD and support for one CD-ROM and 3.5" HDD Drive
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

## Introduction

IPPC-9151G is a fully functional computer system with support for CPUs of different classes (Pentium 4 up to 2.8 GHz) and resolution up to 1024 x 768 to meet the demands of today's high-end industrial software. IPPC-9151G is a rugged unit with an aluminum panel, tempered glass 15" TFT LCD, a stainless steel structure and two expansion slots. IPPC-9151G is rugged enough to handle the toughest industrial operating environments. With optional mounting accessories, from panels to racks, it can be mounted anywhere. There is also IPPC-9151F, which has a flat-sealed front panel for easier cleaning and liquid run-off, which is suitable for tough hygiene requirements in food & beverage manufacturing.

## Specifications

### General

- **BIOS** Award® 256 KB Flash BIOS
- **Certifications** BSMI, CCC, CE, FCC, UL
- **Cooling System** 2 x 10.1 CFM fans w/50,000 hrs MTBF
- **Dimensions (W x H x D)** 428 x 310 x 162 mm (16.85" x 12.2" x 6.37")
- **Disk Drive Bay** Supports one 3.5" HDD and build-in slim type CDROM & FDD
- **Enclosure** Stainless steel back case, 10 mm aluminum front panel
- **Mounting** Panel, rack
- **Power Input** 100 ~240 V<sub>AC</sub> @ 50 ~ 60 Hz, 2 A
- **Power Output** + 5 V @ 15 A, +12 V @ 5 A, -12 V @ 0.5 A
- **Power Supply** 180 W, MTBF: 200,000 hrs
- **Weight (Gross)** 13 kg (28 lb)

### System Hardware

- **Audio Ports** Mic-in, Line-in, Line-out, and game port
- **Chipset** Intel 845 GV
- **CPU** Socket 478 Intel Pentium 4 up to 2.8 GHz  
Intel Celeron® up to 2.5 GHz (400/533 MHz)
- **Expansion Slots** 2 x low-profile PCI
- **IEEE-1394 Ports** 2 x IEEE 1394 ports (Firewire)
- **Keyboard/Mouse** 1 x PS/2 mouse and keyboard interface
- **LAN** 1 x 10/100Base-T
- **Memory** Two 184 pin DDR DIMM sockets supports up to 2 GB (Clock 266)
- **Parallel Ports** 1 x standard parallel port  
1 x enhanced parallel port, supports SPP/EPP/ECP parallel mode.  
BIOS configurable to LPT1, LPT2, LPT3 or disabled
- **PCMCIA Slots** 2 x Type II
- **Serial Ports** 1 x RS-232, 1 x RS-232/422/485
- **USB Ports** 4 x USB 2.0
- **Video Ports** S-Video

### LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 400 : 1
- **Display Size** 15"
- **Display Type** XGA TFT LCD
- **Luminance** 350 cd/m<sup>2</sup>
- **Max. Colors** 262,144
- **Max. Resolution** 1024 x 768
- **OSD Control** LCD ON/OFF, Brightness drop, up
- **Viewing Angle (H/V°)** 120/100

### Touchscreen (Optional)

- **Interface** USB
- **Lifespan** 1 million touches at single point
- **Light Transmission** 75%
- **OS support** Windows 95/98/2000/XP
- **Type** Analog resistive (8-wire)

### Environment

- **Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1 G<sub>RMS</sub> random vibration

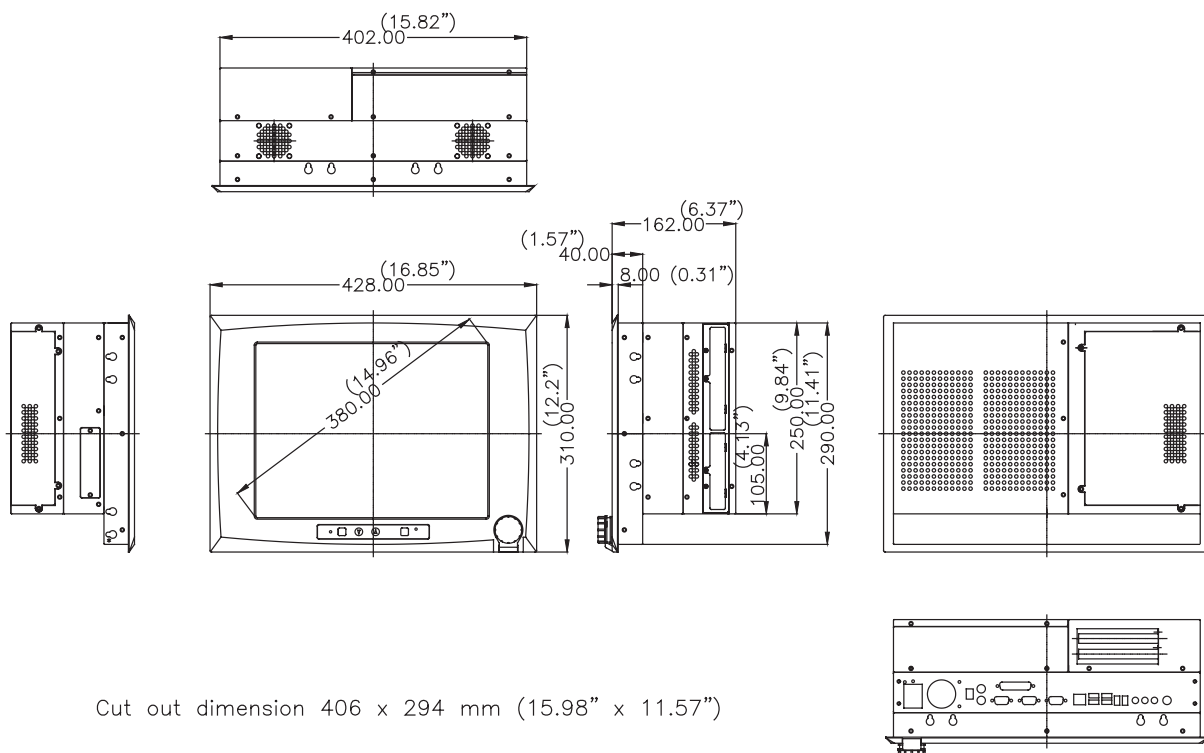
## Ordering Information

- **IPPC-9151G-XAE** Rugged Pentium 4 Industrial Panel PC with 15" LCD
- **IPPC-9151G-RAE** IPPC-9151G-XAE with Resistive Touchscreen
- **IPPC-9151F-XAE** Rugged Pentium 4 Industrial Panel PC with 15" LCD
- **IPPC-9151F-RAE** IPPC-9151F-XAE with Resistive Touchscreen



## Dimensions

Unit: mm



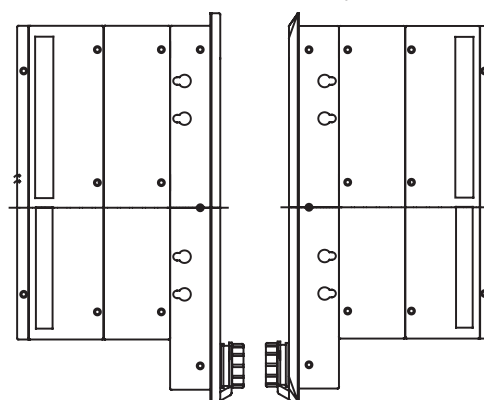
## Accessories

- **IPPC-9151RACK-MT** Mounting Kit for Standard 19" Industrial Rack

### Notes:

1. When used in a panel mounted environment, the panel's thickness can not be over 10 mm.

## Flat-Sealed Front Panel (IPPC-9151F-XAE)



The flat-sealed front panel of IPPC-9151F-XAE (shown above left), is designed for minimum projection in panel mounts. This ensures easier liquid run-off, prevents dirty edges, and is useful in applications where hygiene is crucial (e.g. food processing).

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PAC & Software

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BAS

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UNO

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RS-485 I/O

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Ethernet I/O

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TPC

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IPPC

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FPM

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AWS

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Plug-in I/O

11  
CompactPCI

12  
Signal Conditioning

13  
USB I/O

14  
Motion Control I/O

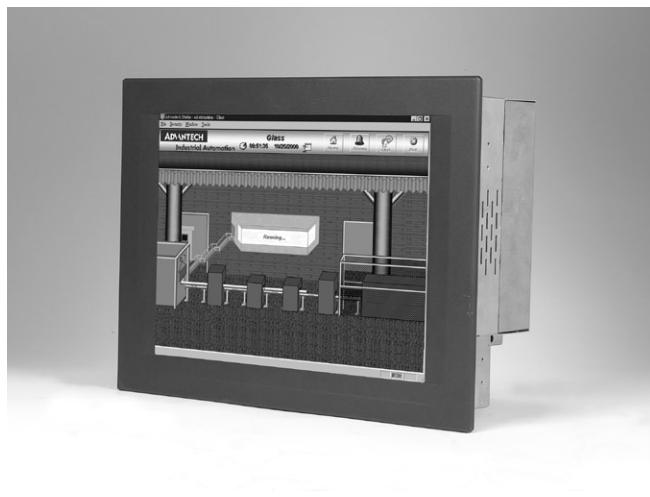
15  
Ethernet Switch

16  
EDG

17  
ICOM

# IPPC-9150G

## Rugged Pentium® III Industrial Panel PC with 15" LCD



### Features

- Pentium® III processors up to 1.26 GHz and Celeron® processors up to 1.2 GHz
- 15" XGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI/ISA add-on cards
- Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Back door with lock allows easy maintenance and optimal security
- Support for optional PCMCIA wireless LAN adapter accessory
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

### Introduction

The IPPC-9150G is a fully functional computer system with support for CPUs of different classes (Pentium III up to 1.26 GHz & Celeron up to 1.2 GHz) to meet the demands of today's industrial software. The IPPC-9150G is a rugged unit with an aluminum panel, tempered glass 15" TFT LCD, a stainless steel structure and two expansion slots. The IPPC-9150G is rugged enough to handle the toughest industrial operating environments. With optional mounting accessories, from swing arm to panels to racks, it can be mounted anywhere.

### Specifications

#### General

- **BIOS** Award® 256 KB Flash BIOS
- **Certifications** BSMI, CCC, CE, FCC, UL
- **Cooling System** 2 x 15.6 CFM fans w/50,000 hrs MTBF
- **Dimensions (W x H x D)** 402 x 302 x 127 mm (15.8" x 11.9" x 5")
- **Disk Drive Bay** Supports one 2.5" HDD, and built-in slim type CDROM
- **Enclosure** Stainless steel back case, 10 mm aluminum front panel
- **Mounting** Panel, swing-arm, rack
- **Power Input** 100 V<sub>AC</sub> ~240 V<sub>AC</sub> @ 47 ~ 63 HZ
- **Power Output** + 5 V @ 15 A, +12 V @ 5 A
- **Power Supply** 100 W, MTBF: 200,000 hrs
- **Watchdog Timer** 62-level, interval 1 ~ 62 seconds
- **Weight (Gross)** 10 kg (22 lb)

#### System Hardware

- **Chipset** VT82C686B
- **CPU** Socket 370, Intel® Pentium III up to 1.26 GHz, Intel Celeron up to 1.2 GHz
- **Expansion Slots** 2 x low-profile PCI, or 1 x low-profile PCI and 1 x half-size ISA
- **LAN** 1 x 10/100Base-T
- **Memory** 2 x DIMM sockets support up to 1 GB SDRAM
- **Parallel Ports** 1 x enhanced parallel port, supports SPP/EPP/ECP parallel mode.  
BIOS configurable to LPT1, LPT2, LPT3 or disabled.
- **PCMCIA Slots** 2 x Type II
- **Serial Ports** 3 x RS-232 (COM1, 3, and 4)  
1 x RS-232/422/485 (COM2).  
All ports are compatible with 16C550 UARTs.
- **USB Ports** 2 x USB 1.1

#### LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 400 : 1
- **Display Size** 15"
- **Display Type** XGA TFT LCD
- **Luminance** 350 cd/m<sup>2</sup>
- **Max. Colors** 262,144
- **Max. Resolution** 1024 x 768
- **OSD Control** None
- **Viewing Angle (H/V°)** 120/100

#### Touchscreen (Optional)

- **Interface** RS-232 (through COM4)
- **Lifespan** 1 million touches at single point
- **Light Transmission** 75%
- **OS support** MS DOS, Windows® 95/98/NT/2000/XP
- **Type** Analog resistive (8-wire)

#### Environment

- **Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz 1 G<sub>RMS</sub> random vibration

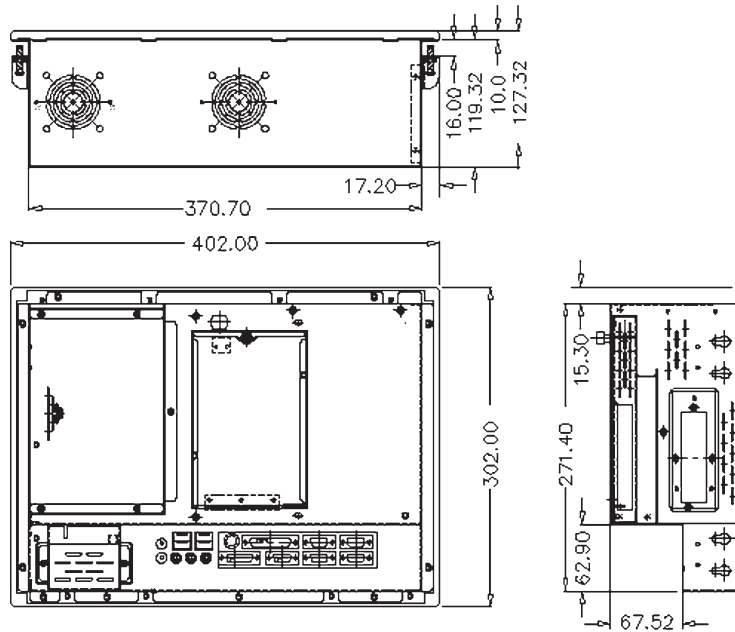
### Ordering Information

- **IPPC-9150G-XAE** Rugged Pentium III/Celeron Industrial Panel PC with 15" LCD
- **IPPC-9150G-RAE** IPPC-9150G-XAE with Resistive Touchscreen



## Dimensions

Unit: mm



Cut-out dimensions: 374 x 275 mm

## Accessories

- **IPPC-9150 Stand** Stand kit for IPPC-9150/9120 series product
- **IPPC-9150 S-ARM** Swing arm for IPPC-9150/9120
- **IPPC-9150RACKMT** Mounting kit for standard 19" industrial rack
- **CDR-9150-COMBO** Slim type Combo CD-ROM

### Notes:

1. When used in a panel mounted environment, the panel's thickness can not be over 10 mm.

- 1 PAC & Software
- 2 BAS
- 3 UNO
- 4 RS-485 I/O
- 5 Ethernet I/O
- 6 TPC
- 7 IPPC
- 8 FPM
- 9 AWS
- 10 Plug-in I/O
- 11 CompactPCI
- 12 Signal Conditioning
- 13 USB I/O
- 14 Motion Control I/O
- 15 Ethernet Switch
- 16 EDG
- 17 ICOM

# IPPC-9120G

## Rugged Pentium® III Industrial Panel PC with 12.1" LCD



### Features

- Pentium® III processors up to 1.26 GHz and Celeron® processors up to 1.2 GHz
- 12.1" SVGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI/ISA add-on cards
- Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Back door with lock allows easy maintenance and optimal security
- Support for optional PCMCIA wireless LAN adapter accessory
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

### Introduction

IPPC-9120G is a fully functional computer system with support for CPUs of different classes (Pentium III up to 1.26 GHz and Celeron up to 1.2 GHz) to meet the demands of today's industrial software. IPPC-9120G is a rugged unit with an aluminum panel, tempered glass 12.1" TFT LCD, a stainless steel structure and two expansion slots. IPPC-9120G is rugged enough to handle the toughest industrial operating environments. With optional mounting accessories - from swing arm to panels to racks - it can be mounted almost anywhere.

### Specifications

#### General

- **BIOS** Award® 256 KB Flash BIOS
- **Certifications** CCC, CE, FCC, UL, BSMI
- **Cooling Systems** 2 x 15.6 CFM fans w/50,000 hrs MTBF
- **Dimensions (W x H x D)** 402 x 302 x 127 mm (15.8" x 11.9" x 5")
- **Disk Drive Bay** Supports one 2.5" HDD, and built-in slim type CDROM
- **Enclosure** Stainless steel back case, 10 mm aluminum front panel
- **Mounting** Panel, swing-arm, rack
- **Power Input** 100 V<sub>AC</sub> ~240 V<sub>AC</sub> @ 47 ~ 63 HZ
- **Power Output** + 5 V @ 15 A, + 12 V @ 5 A, -12 V @ 0.5 A
- **Power Supply** 100 W, MTBF: 200,000 hrs
- **Watchdog Timer** 62-level, interval 1 ~ 62 seconds
- **Weight (Gross)** 10 kg (22 lb)

#### System Hardware

- **Chipset** Intel 82443B/82371EB
- **CPU** Socket 370 Intel® Pentium III up to 1.26 GHz, Celeron up to 1.2 GHz
- **Expansion Slots** 2 x low-profile PCI, or 1 x low-profile PCI and 1 x half-size ISA
- **LAN** 1 x 10/100Base-T
- **Memory** 2 x DIMM sockets supports up to 1 GB SDRAM
- **Parallel Ports** 1 x enhanced parallel port, supports SPP/EPP/ECPP parallel mode.  
BIOS configurable to LPT1, LPT2, LPT3 or disabled.
- **PCMCIA Ports** 2 x Type II
- **Serial Ports** 3 x RS-232 (COM1, 3, and 4)  
1 x RS-232/422/485 (COM2).  
All ports are compatible with 16C550 UARTs
- **USB Ports** 2 x USB 1.1

#### LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 300 : 1
- **Display Size** 12.1"
- **Display Type** SVGA TFT LCD
- **Luminance** 340 cd/m<sup>2</sup>
- **Max. Colors** 262,144
- **Max. Resolution** 800 x 600
- **Viewing Angle (H/V°)** 100/60

#### Touchscreen (Optional)

- **Interface** RS-232 (interface through COM4)
- **Lifespan** 1 million touches at single point
- **Light Transmission** 75%
- **OS Support** MS DOS, Windows® 95/98/NT/2000/XP
- **Type** Analog resistive (8-wire)

#### Environment

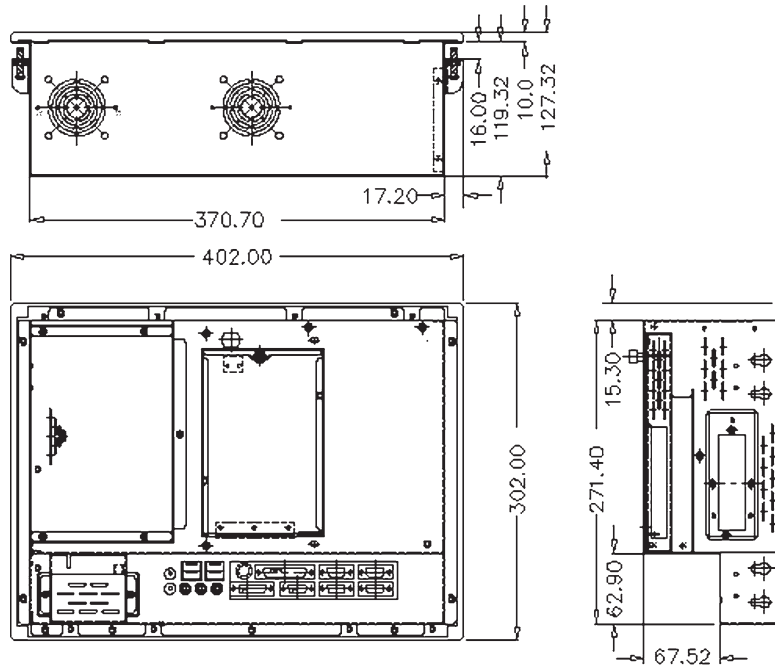
- **Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz 1 G<sub>RMS</sub> random vibration (operating)

### Ordering Information

- **IPPC-9120G-XAE** Rugged Pentium III/Celeron Industrial Panel PC with 12.1" LCD
- **IPPC-9120G-RAE** IPPC-9120G-XAE with Resistive Touchscreen

## Dimensions

Unit: mm



Cut-out dimensions: 374 x 275 mm

## Accessories

- **IPPC-9150 Stand** Stand kit for IPPC-9150/9120 series product
- **IPPC-9150 S-ARM** Swing arm for IPPC-9150/9120
- **IPPC-9150RACKMT** Mounting kit for standard 19" industrial rack
- **CDR-9150-COMBO** Slim type Combo CD-ROM

### Note:

1. When used in a panel, the panel's thickness can not be over 10 mm.

1	PAC & Software
2	BAS
3	UNO
4	RS-485 I/O
5	Ethernet I/O
6	TPC
7	IPPC
8	FPM
9	AWS
10	Plug-in I/O
11	CompactPCI
12	Signal Conditioning
13	USB I/O
14	Motion Control I/O
15	Ethernet Switch
16	EDG
17	ICOM

# IPPC Accessories



## 1700060202

Y-cable for PS/2 mouse & keyboard for CPU cards



## IPPC-9151RACK-MT

19" Rack mounting kit for 9151 Series



## IPPC-9150 STAND

Stand kit for IPPC-9150/9120 Series



## 1750000080

CPU cooler for Pentium III up to 1.26 GHz



## IPPC-9150RACKMT

19" Rack mounting kit for 9150/9120 Series



## 1750000078

CPU cooler for Pentium 4 up to 3.06 GHz



## IPPC-9150 S-ARM

Swing arm for IPPC-9150G/9120G