1510 Light-Duty Industrial PCs without Integrated Display

DS-140414(E)

- Preloaded with Windows 2000®; option to load Windows® XP, or have no operating system preloaded
- 10-slot passive backplane (2 full-length ISA, three full-length PCI, and one half-length PCI expansion slots available)
- Intel® Socket 478 Pentium 4 3.0 GHz CPU, 512 KB cache, 800 MHz system bus
- 4X AGP Video controller with 8 MB base, uses system RAM up to 64 MB
- Up to 2 GB DDE RAM (256 MB standard)
- Two USB ports (2.0 compliant)
- Parallel Port
- One RS-232 port and one selectable RS-232/422/485 port
- Audio (In, Out, Mic)
- One 10/100 BaseT and one 10/100/1000 BaseT Ethernet ports
- 300 Watt AC power supply
- 80 GB internal hard drive (minimum)
- Front accessible floppy drive and CD-R/W DVD ROM drive (with DVD-R/W upgrade options)

Xycom Automation's 1510 Industrial PC is designed to provide processing power and versatility. This PC offers a range of processor options and is highly expandable, providing plenty of room to install network or data acquisition cards. The unit is manufactured to Xycom Automation's exacting quality standards and is skillfully fitted into a compact, rugged package ideal for today's manufacturing settings.

Fits Your Needs

You can configure and reconfigure Xycom Automation's industrial PCs for nearly any application through a wide variety of standard technologies. Our industrial PCs make it easy for end users and vendors to use cost-effective industry-standard components, storage options, and ISA/PCI expansion for application specific requirements.

Higher Performance

The 3.0 GHz Intel Pentium 4 processor with 512 KB cache running at 800 MHz system bus provides sufficient processing power to drive the fastest and most demanding applications.

Superior Video Performance

The included 4X AGP graphics controller includes 8 MB video RAM and uses system RAM up to 64 MB to drive the most demanding video applications.

Windows® 2000 or Windows® XP

The 1510 system is shipped preloaded with Windows® 2000. You may choose to have Windows® XP loaded instead, or to have no operating system preloaded on your 1510 unit.

Mounting Options

The 1510 is designed for panel or shelf mounting, either horizontally or vertically.

Meets High Standards

To survive on the plant floor, our industrial PC products meet FCC, UL, and European CE mark requirements. Xycom Automation also leads the industry in reliability, service, and support with an optional five-year warranty unmatched in the industry.
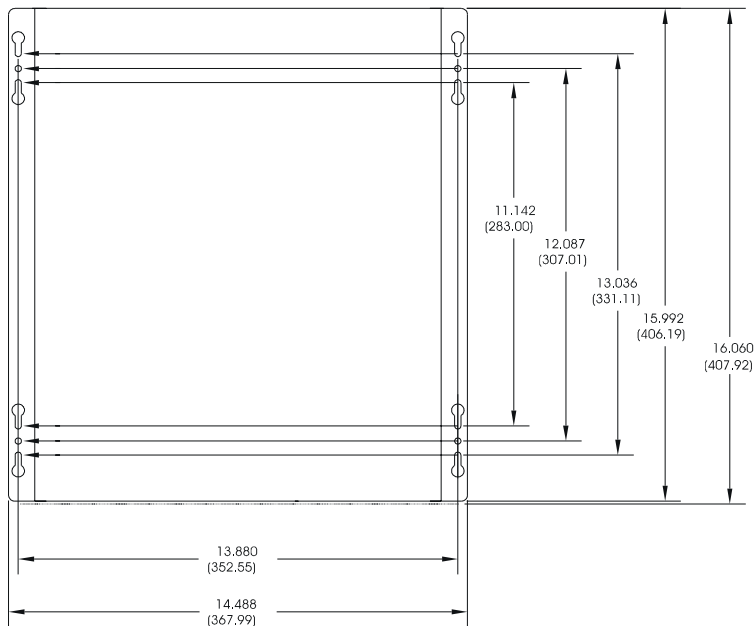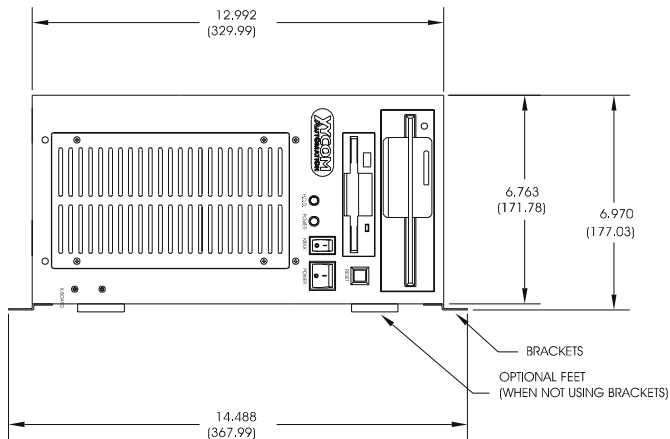
Network Connectivity

The 1510's built-in 10/100 BaseT and 10/100/1000 BaseT Ethernet ports make it easy to connect to enterprise-wide networks as well as I/O systems. The dual USB ports, one RS-232, and one selectable RS-232/422/485 port make connection of peripheral devices quick and easy without additional cards.
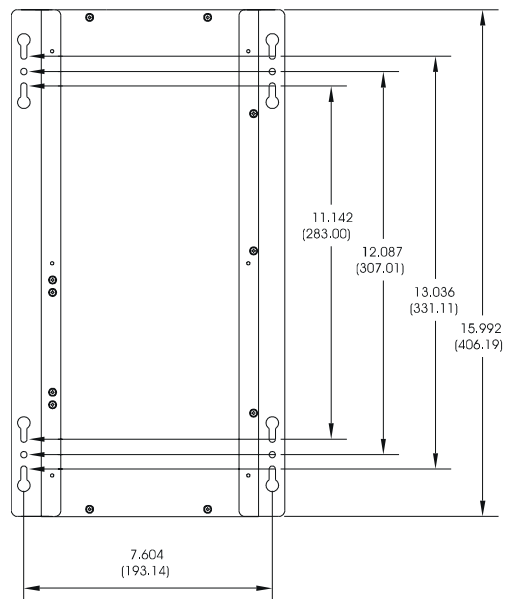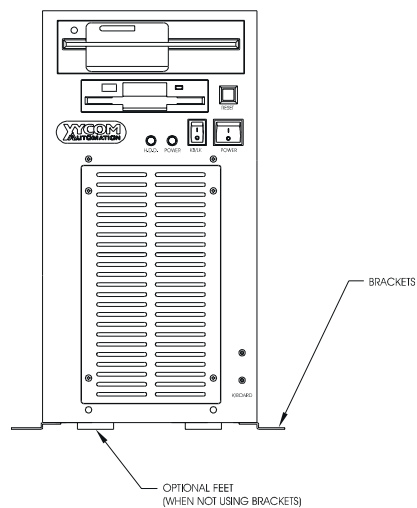
Pro-face®
XYCOM™

PRODUCT AND MOUNTING DIMENSIONS

HORIZONTAL
SHELF OR PANEL MOUNT

12.992
(329.99)

6.763
(171.78)

6.970
(177.03)

BRACKETS

OPTIONAL FEET
(WHEN NOT USING BRACKETS)

14.488
(367.99)

11.142
(283.00)

12.087
(307.01)

13.036
(331.11)

15.992
(406.19)

16.060
(407.92)

13.880
(352.55)

14.488
(367.99)

Unit Weight: approximately 24 lbs 3 oz. (11 kgs)

VERTICAL
SHELF OR PANEL MOUNT

BRACKETS

OPTIONAL FEET
(WHEN NOT USING BRACKETS)

11.142
(283.00)

12.087
(307.01)

13.036
(331.11)

15.992
(406.19)

7.604
(193.14)

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C (32° TO 122°F)	-40°C to 60°C (-4° to 140°F)
Humidity	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
Shock [a]	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration (packaged)
Vibration [a]	5 to 500 Hz, 0.006" peak to peak displacement 1.0g maximum acceleration	5 to 2000 Hz, 0,015" peak to peak displacement 2.5g maximum acceleration (packaged)
Altitude [b]	Sea level to 10,000 ft. (3,048 m)	Sea level to 40,000 ft. (12,192 m)

[a] These values are with solid state hard drives and not rotating media drives.
[b] Consistent with internal component specifications.

PRODUCT SPECIFICATIONS AND RATINGS (continued)

Electrical

Power Supply	300 Watt AC
Input Rating	100-240V AC, wide-ranging, 50-60 Hz, 10-5A maximum, 145 W nominal [c]

[c] Nominal Power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

Cooling fans

Capacity	2 fans @ 51.1 CFM each with dust filter (does not include power supply fans)

Regulatory Compliance

CE
- EN 55022: Class A
- EN 61000-6-2
- EN 61000-3-2, Class A
- EN 61000-3-3
- IEC 60950-1

FCC
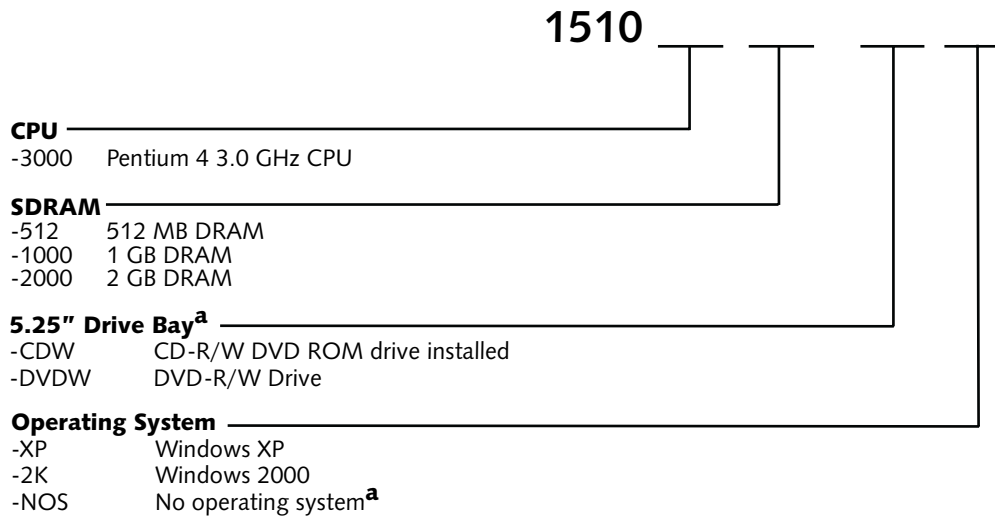- 47 CFR, Part 15, Class A

Safety Agency Approvals:
- UL 60950 Listed
- UL 508 Listed
- cUL CSA-C22.2, #950
- cUL CSA-C22.2, #142

ORDERING INFORMATION

To create an order number, follow the conventions defined by the example order numbers and product configurations.

Standard Configurations

Order Number	Description
1510-3000-512-CDW-2K	1510 Industrial PC with a 3.04 GHz Pentium 4 CPU, 512 MB DRAM, 80 GB hard drive, 1.44 MB floppy drive, CD-R/W DVD ROM, and Windows 2000 operating system.

1510 __ __ __ __

CPU
-3000   Pentium 4 3.0 GHz CPU

SDRAM
-512   512 MB DRAM
-1000   1 GB DRAM
-2000   2 GB DRAM

5.25" Drive Bay[a]
-CDW   CD-R/W DVD ROM drive installed
-DVDW   DVD-R/W Drive

Operating System
-XP   Windows XP
-2K   Windows 2000
-NOS   No operating system[a]

[a]When ordering 5.25" drive bay devices and no operating system, all required drivers will not be loaded and devices will not function properly.

Important Notice for XP configurations: Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of this computer, or may be completed by Internet or telephone (toll charges may apply).

Warranty Information
The 1510 carries a one-year parts and labor warranty.

Pro-face America
734-429-4971
Fax: 734-429-1010
http://www.profaceamerica.com

Customer Support Hotline:
734-944-0482

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3112T Light-Duty Flat Panel Thinline Industrial Computer

DS-303112(C)

Xycom Automation industrial computers (IPCs) are designed to provide processing power and versatility. The 3112T IPC offers a powerful processor with a wide range of features. The 3112T also meets the rigorous requirements of the plant floor with a high-resolution flat panel display in a rugged housing ideal for today's manufacturing environment.

FEATURES

- 12.1" flat panel TFT SVGA (800 x 600) color display
- Analog resistive touchscreen
- Intel® Socket 370 Celeron® 1.2 GHz CPU, 256 KB cache, 100 MHz system bus
- AGP graphics controller with BIOS-selectable video RAM up to 64 MB (uses DRAM)
- 256 MB DRAM (512 MB optional)
- Preloaded with Windows® 2000 operating system (option to load Windows® XP, or to have no operating system installed)
- 20 GB internal hard drive
- Side accessible 1.44 MB floppy drive and CD-ROM drive
- Accessible CompactFlash™
- Two RS-232 ports, and one configurable RS-232/422/485 port
- Parallel port and video port (which supports dual display
- Two USB ports (1.1 compliant)
- 10/100 BaseT Ethernet
- Audio input/output/mic
- PS/2 keyboard/mouse port
- Power cable and drivers included
- 100-240 V AC power supply
- Panel or wall mount
- 1-year warranty
- NEMA 4/4X/12, IP65 front panel

Higher Performance

The 1.2 GHz Intel Celeron CPU drives the fastest and most demanding applications.

Pre-loaded Operating Systems

The 3112T system comes standard with Windows® 2000. You have the option to order the system with Windows® XP, or to have no operating system installed.

Sharp, Easy-to-Read Displays

A bright 12.1" TFT screen can display complex operations with clarity.

Full Complement of I/O Ports

The 3112T comes standard with an extensive array of I/O ports, including two high-speed RS-232 ports, one configurable RS-232/422/485 port, one SPP/EPP/ECP parallel port, two USB ports (one using DOS), one PS/2 mouse/keyboard port, one 10/100 Mbps Ethernet port , one VGA port, and audio I/O (input, output, and mic). The PS/2 port can be connected to a mouse or a keyboard.

The VGA port can be used to connect a VGA monitor, with or without using the built-in display. The built-in display and an external monitor can be used together in simultaneous mode (both show the same image).

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XYCOM™

PRODUCT CONFIGURATION

Model	3112T
Display	12.1" LCD color display, 800 x 600 (SVGA)
Operator Input	Analog resistive touchscreen
Processor	Intel® Celeron
Preloaded OS	Windows® 2000, or Windows® XP

PRODUCT AND MOUNTING DIMENSIONS
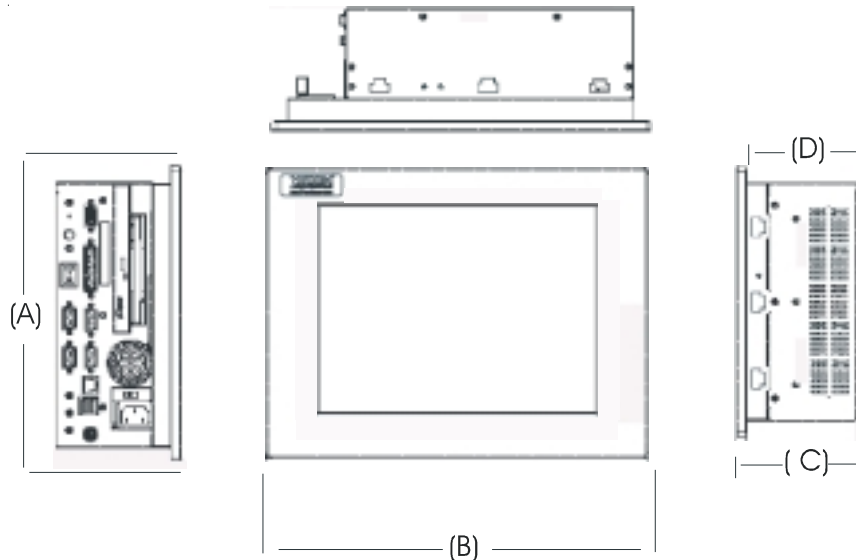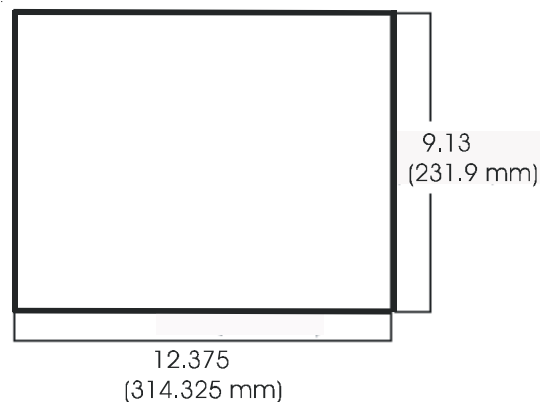
3112T Unit Dimensions

Model	3112T
Height (A)	10.24" (260.0 mm)
Width (B)	13.39" (340.0 mm)
Depth (C)	4.25" (107.95 mm)
Mounting Depth (D)	3.90" (99.0 mm)
Weight	14.5 lbs (6.58 kg)

3112T Mounting

9.13
(231.9 mm)

12.375
(314.325 mm)

Mounting Options

The 3112T is designed to be mounted directly into an equipment panel without requiring special mounting plates or brackets. It can also be mounted on a wall with the wall-mount adapter included in the mounting kit or it can be mounted on a standard 75/100 mm VESA swing or pendent arm. The 3112T is not NEMA rated if mounted outside of a panel.

Please consult the 3112T R2 12" Thin Line Industrial Flat Panel PC Manual for detailed mounting dimensions these options.

PRODUCT SPECIFICATIONS AND RATINGS

All of the specifications are subject to change without notice.

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
Humidity	5% to 80% RH, noncondensing	5% to 95% RH, noncondensing
Shock [a]	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration [a] **5-2000 Hz**	0.006" peak to peak displacement 1.0g maximum acceleration	0,015" peak to peak displacement 2.5g maximum acceleration

[a] These values are with solid state hard drives and not rotating media drives

Electrical

- AC power: 100-240 V AC, 3.0 A max., 88 W nominal [b], 50/60 Hz

Regulatory Compliance

- CE (EN 55022, Class A; EN 61000-6-2; IEC 60950-1; EN 61000-3-2, Class A; EN 61000-3-3)
- FCC (47 CFR, Part 15, Class A)

Front Panel

- NEMA 4/4X/12

Safety Agency Approvals

- UL 508 Listed
- cUL CSA-C22.2, #142 Listed

[b] Nominal Power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

ORDERING INFORMATION

To create an order number, follow the conventions defined by the example order number and product configuration.

Standard Configurations

Order Number	Description
3112T-1200-256-2K	3112T Industrial PC with a Celeron 1.2 GHz CPU, 256 MB DRAM, 20 GB hard drive, 1.44 MB floppy drive, CD-ROM, and Windows 2000 operating system.

3112T -1200 _____ _____

Memory
-256   256 MB SDRAM
-512   512 MB SDRAM

Operating   System
-2K   Windows 2000
-XP   Windows XP
-NOS   No operating system [a]

[a] When ordering no operating system, all required drivers will not be loaded, and devices may not function properly

Important Notice for XP configurations: Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of this computer, or may be completed by Internet or telephone (toll charges may apply).

Warranty Information
The 3112T carries a one-year parts & labor warranty.

4117T Light-Duty Flat Panel Industrial PC

DS-411700(C)

with Integrated 17.0" LCD Displays

CE (UL) c(UL)

Xycom Automation industrial computers (IPCs) are designed to provide processing power and versatility. The 4117T IPC offers a powerful processor with a wide range of features and an expansion slot. The 4117T also meets the rigorous requirements of the plant floor with a high-resolution LCD flat panel display in a rugged housing ideal for today's manufacturing environment.

FEATURES

- 17" SXGA (1280 x 1024) color flat panel display
- Analog Resistive Touchscreen
- Intel® Pentium® M 1.3 GHz CPU, w/ 2M Cache, 400 MHz system bus
- 4X AGP Video Controller
- 512 MB DRAM (up to 2 GB optional)
- VGA port for remote monitor
  - Supports using remote monitor and built-in display simultaneously
- Preloaded with Windows® XP operating system (Windows 2000 optional)
- One half-length PCI expansion slot
- 80 GB Internal IDE Hard Drive
- Side access CD-R/W w/ DVD Read capability (optional DVD-R/W drive)
- Type I/II CompactFlash™ card slot
- 3 RS-232 ports
- Parallel port
- Two USB 2.0 ports, Audio (in/out/mic)
- 10/100 and 10/100/1000 Base-T Ethernet ports
- Audio input/output/mic
- PS/2 keyboard & mouse ports
- Mounted with mounting clips or standard 100 mm VESA arm
- 100-240 VAC power supply
- UL, cUL, and CE approvals
- RoHS compliant
- NEMA 4/4X/12, IP65 front panel
- 1-year warranty

High Performance, Lower Power

The 4117T utilizes an Intel mobile processor providing superior processing power while utilizing half the wattage of a comparable Pentium 4 processor. The Pentium M 1.4 GHz processor outperforms the desktop Pentium 4 2.0 GHz used in the 4115T while utilizing less wattage. The increased processing power with less heat generation makes the 4117T ideal for most factory automation applications requiring a NEMA enclosure. Less wattage input into the system results in less temperature rise in the enclosure. With less temperature rise the maximum ambient operating temperature is more easily maintained, possibly without the need for expensive enclosure cooling devices.

Easy-to-Read Display

The 4117T incorporates a bright 17.0" LCD with SXGA (1280 x 1024) resolution and an analog resistive touchscreen into a thin light-duty industrial PC. The on-board 4X AGP graphics controller provides full color resolution when displaying a 1280 x 1024 application screen.

Full compliment of I/O Ports

The 4117T comes standard with an extensive array of I/O ports (see photo below), including three high speed RS-232 ports, one parallel port, 2 USB 2.0 compliant ports, PS/2 mouse & keyboard ports, one 10/100 & one 10/100/1000 Mbps Base-T Ethernet ports, one VGA

port, and audio ports (in/out/mic). In addition a half-length PCI and Type I/II CompactFlash card can also be added to even further enhance your I/O needs.

The VGA port can be utilized to connect a VGA monitor. The built-in display and an additional monitor can be utilized simultaneously (both showing the same image).

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XYCOM™

PRODUCT DIMENSIONS AND CONFIGURATIONS

4117(T)
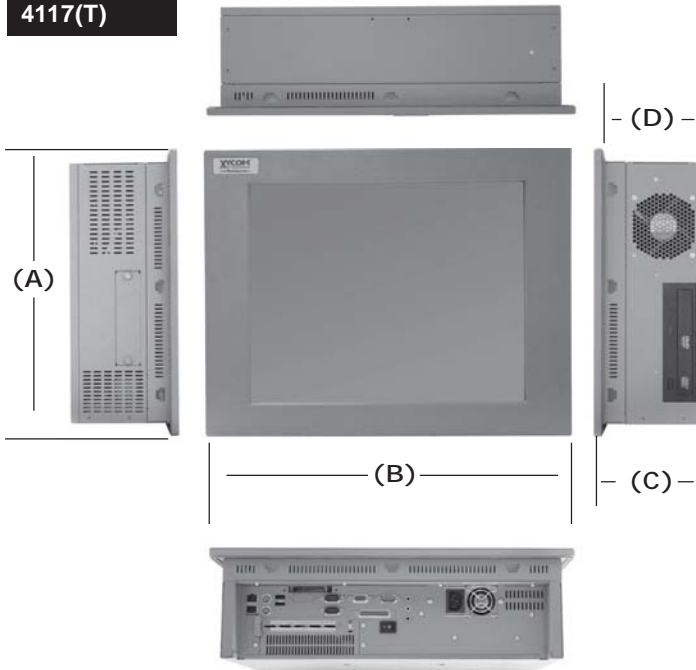
4117T Unit Dimensions

Model	4117T
Height (A)	14.0" (355.6 mm)
Width (B)	17.8" (452.1 mm)
Depth (C)	5.32" (135.1 mm)
Mounting Depth (D)	4.93" (125.2 mm)
Weight	29 lbs (13.15 kg)

4117T Unit Configuration

| Model	4117T
Display	17" LCD color display, 1280 x 1024 (SXGA)
Operator Input	Analog resistive touchscreen
Processor	Intel® Pentium M 1.3 GHz CPU, w/ 80 GB HD, 2M Cache, 400 MHz system bus
Preloaded OS	Windows® XP, Windows® 2000, or None
Expansion	One half-length PCI expansion slot

MOUNTING DIMENSIONS AND TEMPERATURE SPECIFICATIONS

16.75" [425.45 mm]

13.1" [332.74 mm]
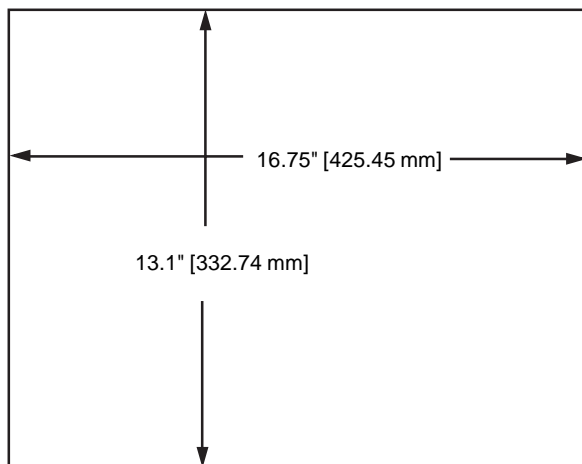
Temperature Specifications

When installing your 4117T into an enclosure, extra care should be exercised to ensure that the ambient air around the unit (inside your enclosure, not outside the enclosure) does not exceed 50°C. Exceeding 50°C may cause premature degeneration of the unit.

Even though the 4117T utilizes a lower wattage Pentium M processor than the Pentium 4 based 4115T care still needs to be exercised when installing the 4117T into an undersized enclosure. Consult your enclosure manufacturer for proper sizing and/or cooling options. The product specifications and ratings section of this datasheet contains the information your enclosure manufacturer will require.


Page 2
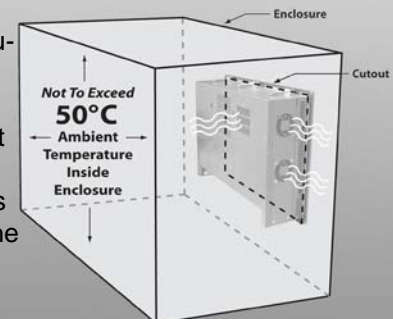
MOUNTING OPTIONS

The 4117T is designed to be mounted directly into an equipment panel without requiring special mounting plates or brackets. It can also be mounted on a wall with the wall-mount adapter included in the mounting kit or it can be mounted on a standard 100 mm VESA swing or pendent arm. The 4117T is not NEMA rated if mounted outside of a panel.
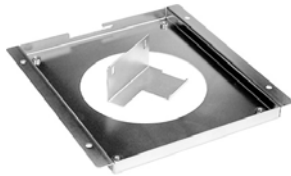
Wall Mount Bracket

Panel Mounting Clips
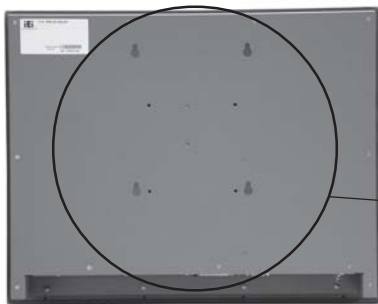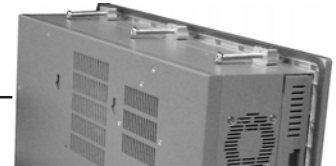
Wall Mount Pattern (x4)

100 mm VESA Arm

PRODUCT SPECIFICATIONS

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
Humidity	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
Shock [a]	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration 5-2000 Hz	0.006" peak to peak displacement 1.0g maximum acceleration	0,015" peak to peak displacement 2.5g maximum acceleration
Altitude [b]	Sea level to 10,000 ft. (3,000 m)	Sea level to 40,000 ft. (12,000 m)

[a] These values are with solid state hard drives and not rotating media drives.
[b] Consistent with internal component specifications.

Electrical

AC Power	200 Watt AC, 100-240 VAC, 1.0 Amp, 50-60 Hz, 95 Watts nominal power[†],

† Nominal power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

PRODUCT RATINGS

Compliance

Regulatory Compliance

CE
- EN 55022: Class A
- EN 61000-6-2
- EN 61000-3-2, Class A
- EN 61000-3-3
- IEC 60950-1

FCC
- 47 CFR, Part 15, Class A

Safety Agency Approvals

UL
- UL 508 Listed

CUL
- CSA-C22.2, #142 Listed

RoHS compliant

Front Panel

- NEMA 4/4X/12, IP65

Product certification documentation available at:
www.xycom.com/certifications

ORDERING INFORMATION

Example Order Number

Order Number	Description
4117T-1400-512-CDW-XP	4117T Light-Duty Flat Panel Industrial PC with a Intel® Pentium® M 1.3 GHz CPU, 2M cache, 400 MHz system bus, 512 MB DRAM, 80 GB hard drive, CD-R/W (w/ DVD Read Only capabilities), and Windows XP operating system.

4117T - 1400 ___ ___ ___

Display
Screen   17", SXGA (1280 x 1024)

Memory
-512   512 MB DRAM
-1000   1 GB DRAM
-2000   2 GB DRAM

Rotating Media [a]
-CDW   CD-R/W w/ DVD Read
-DVDW   DVD-R/W Drive

Operating System
-XP   Windows XP Professional
-2K   Windows 2000 Professional
-NOS   No operating system installed [a]

[a] When ordering no operating system, all required drivers will not be loaded and devices may not function properly.

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Warranty Information
The 4117T carries
a one-year parts
& labor warranty.

Xycom Automation
734-429-4971
Fax: 734-429-1010
http://www.xycom.com

Customer Support Hotline:
734-944-0482

Pro-face®
XYCOM™

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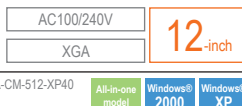
12" Light Duty Panel Computer - PS3650A Series

TouchPanel Operation

Features:
- 12-inch (XGA 1024x768) TFT Touch Panel Computer
- Intel® Celeron® M 1.3GHz
- 40 GB Hard Drive
- Aluminum Housing
- Reliability, Availability, Serviceability (RAS) features
- NEMA 4x/12 Rated
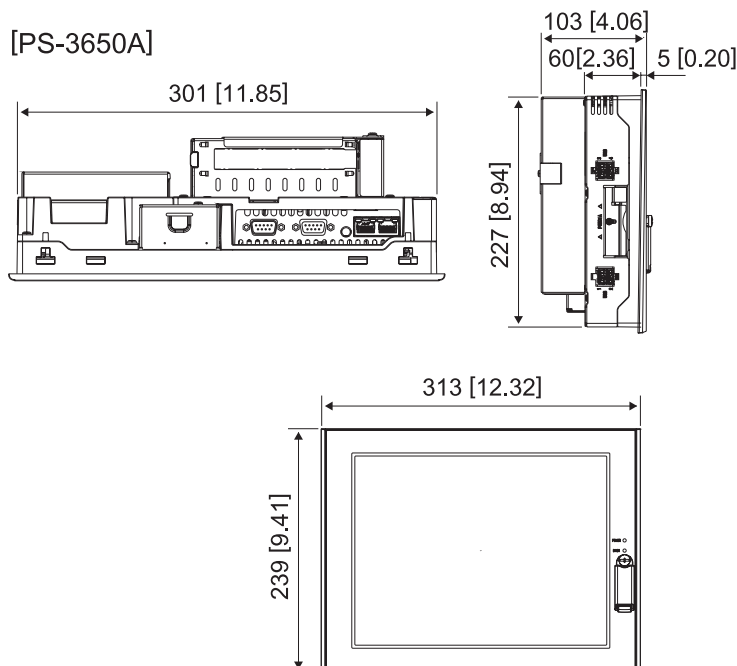- RoHS Directive-conforming
- Boot from HDD or CF Card

15-inch TFT Color LCD Panel Computer

PS-3650A

| AC100/240V | |
| XGA | **12**-inch |

Models: PS3650A-CM-512-2K40, PS3650A-CM-512-XP40
CPU: Intel Celeron M 1.3GHz

All-in-one model | Windows® 2000 | Windows® XP

UL LISTED · CSR · CE · Ro

Performance Specifications

Model	PS3650A-CM-512-2K40 PS3650A-CM-512-XP40
Supported OS	Windows 2000 (2K40) - Windows XP (XP40)
CPU	Intel© Celeron© M 1.3GHz
Standard Memory	512 Megabytes
Maximum Memory	1 Slot (512MB, 1GB) 1GB Max.
Graphics Display Resolution	XGA (1024 x 768 dots)
Video Memory	Max. 64MB (When using Windows©) UMA Type
Display Type and Size	TFT Color LCD (12 inch)
Display Colors	256,000 Colors
Display Area	245.76mm [9.68in.] x 184.32mm [7.26in.]
Touch Screen	Resistive Film (Analog) Touch Screen
Serial (RS 232C)	COM1: D-sub 9 pin (plug) (RI/+5V switchable)
LAN	Rear 2 ports. RJ-45 type modular jack connector (8 pins). LAN1: auto change to 10BASE-T/100BASE-TX LAN2: auto change to 10BASE-T/100BASE-TX
USB	USB 2.0 compatible side 4 ports. Disable by hardware setting. USB 1.1 front face port
Sound	Stero Speaker output Connector. Mini Pin Jack.
Disk	40 GB Hard Drive. IDE I/F. Master: 2.5 inch HDD I/F. Slave: CF Card I/F (not hot-swappable). Switchable to Master by hardware setting.
PCMCIA	1 PCMCIA Type II port, Type III can be available. Corresponding to CARD BUS (Excluding Zoomed Video, SOUND functions)
PCI	Rev.2.2 compatible PCI I/F (5V) 1 Port

General Specifications

Input Voltage	AC100 / 240V (Rated Voltage AC85 to 265V)
Power Consumption	110VA or less
Allowable Voltage Drop	1 cycle or less (Voltage drop interval must be 1s or more.)
Voltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)
Insulation Resistance	DC500V 10MΩ(min.) (between charging and FG terminals)
Certifications	UL508, CE, CSA-C22.2 No.142-M1987, EN55011 Class A, EN61000-6-2, EN60950, RoHS
Temperature	Operating Temperature 0 to 50°C without HDD; 5 to 50°C with HDD. Storage Temperature -10 to +60°C
Humidity - Ambient/Storage	10 to 85% RH (Not condensing, wet bulb temperature: 29°C or less).
Corrosive Gas	Free of corrosive gases
Noise Immunity	Noise Voltage: 1500Vp-p, Pulse Duration: 50ns, 500ns, 1μs, Rise Time: 1ns (via noise simulator)
Cooling Method	Forced Air Cooling by Fan
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)
Vibration Resistance	without HDD - IEC61131-2 compliant, 5 to 9Hz single-amplitude 3.5mm, 9 to 150Hz constant-accelerated velocity 9.8m/s^2. X,Y,Z directions for 10 cycle (100 minute) with HDD - 4.9m/s^2 (10 to 25Hz X, Y, Z directions for 30 minute each)
Rating	Equivalent to IP65f NEMA #250 TYPE 4X/12. (Not using front USB)
Weight	Approx. 4.5kg [9.9lb] (unit only)
External Dimensions	313mm [12.32in.] W × 239mm [9.41in.] H × 103mm [4.06in.] D
Warranty	One (1) year

PS-3650A - External Dimensions

[PS-3650A]

301 [11.85]

227 [8.94]

103 [4.06]

60[2.36] 5 [0.20]

313 [12.32]

239 [9.41]

Ordering Information

| Part Number	Description
PS3650A-CM-512-2K40	12" TFT Color LCD, 512 Megabyte, Windows 2000 OS
PS3650A-CM-512-XP40	12" TFT Color LCD, 512 Megabyte, Windows XP OS

Optional Items

Product Name		Part Number
DIMM Memory Module*3	512 MB	PSA-DDR512 (standard)
	1GB	PSA-DDR1G
HDD Unit *2	40 GB	PS365XA-HD40
CF Card	256MB	CA3-CFCALL/256MB-01
	512MB	CA3-CFCALL/512MB-01
	1GB	CA6-CFCALL/1GB-01
Installation Fasteners *1		CA3-ATFALL-01
Backlight (2 pieces/set for 1 unit)		CA3-BLU12XGA-01
Screen Protection Sheet (5 sheets/set)		CA3-DFS10-01

*1 Standard attachment for all models.
*2 Not installed with operating system.
*3 Only 1 socket available

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
- All product names used in this document are trademarks or registered trademarks of their respective companies.
- All information contained in this document is subject to change without notice.
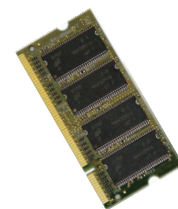
PS-3650A - Cut-Out Dimensions

Panel Cut-out

$227.5^{+1}_{0}[8.96^{+0.04}_{0}]$

Under 4-R3

$301.5^{+1}_{0}[11.87^{+0.04}_{0}]$
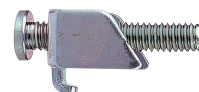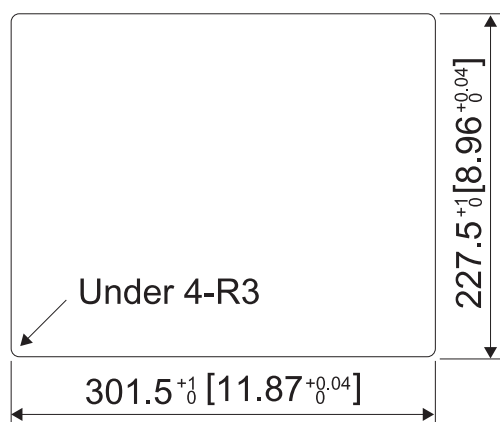
Installation Fasteners

CF Card

DIMM Memory Module

Screen Protection Sheet (5 sheets/set)

Pro-face America
Phone: 734.429.4971
Fax: 734.429.1010
www.profaceamerica.com

Customer Service Hotline: 734.944.0482

For more information

ACCESS   www.profaceamerica.com

Pro-face

Pro-face

United States   Canada   Mexico

15" Light Duty Panel Computer - PS3710A Series

TouchPanel Operation

Features:
- 15-inch (XGA) TFT Touch Panel Computer
- Intel® Pentium® M 1.6GHz
- 40 GB Hard Drive
- DVD-ROM/Floppy Disk Drive
- Aluminum Housing
- Remote Access Server (RAS) functionality
- NEMA 4x/12 Rated
- RoHS Directive-conforming
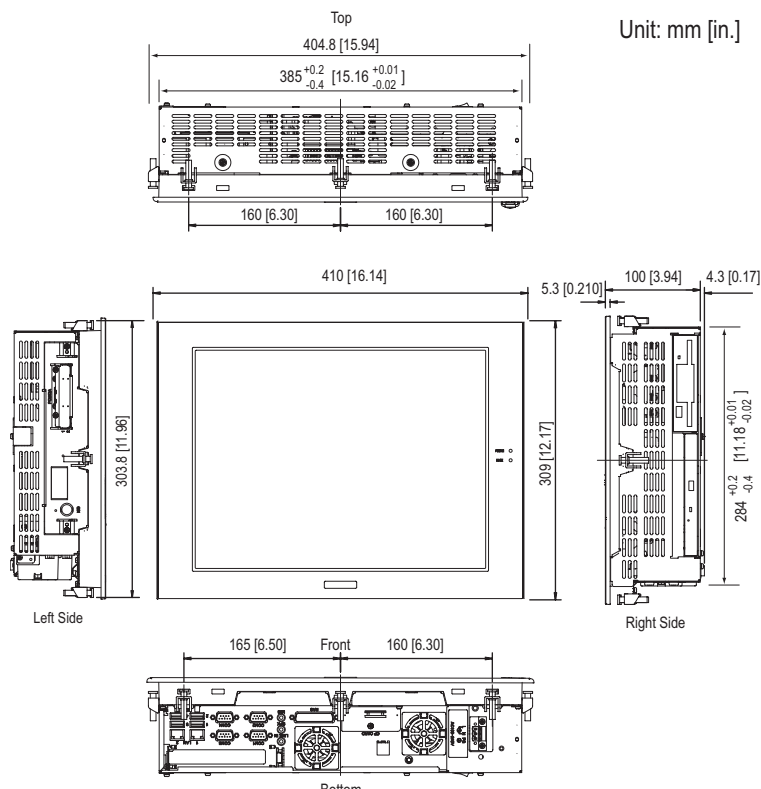- HDD or CF Card Startup
- VESA Standard Arm Mounting

15-inch TFT Color LCD
Panel Computer

PS-3710A

AC100/240V	**15**-inch
XGA	

Model: PS3710A-PA1
CPU: Intel Pentium M 1.6GHz

All-in-one model · Windows® 2000 · Windows® XP

UL LISTED · CSA · CE · Ro

Performance Specifications

Model	PS3710A-1G-2K40 PS3710A-1G-XP40	PS3710A-512-2K40 PS3710A-512-XP40
Supported OS	Windows 2000 (2K40) - Windows XP (XP40)	Windows 2000 (2K40) - Windows XP (XP40)
CPU	Intel© Pentium© M 1.6GHz	Intel© Pentium© M 1.6GHz
Standard Memory	1.0 Gigabytes	512 Megabytes
Maximum Memory	2 Slots (Max. 2GB) SO-DIMM socket 256MB to 1GB (PC2700)	
Graphics Display Resolution	XGA (1024 x 768 dots)	
Video Memory	Max. 64MB (When using Windows©) UMA Type	
Display Type and Size	TFT Color LCD (15 inch)	
Display Colors	260,000 Colors	
Display Area	304.1mm[11.97in.] x 228.1mm[8.98in.]	
Touch Screen	Resistive Film (Analog) Touch Screen, 1024 x 1024 Resolution	
Serial (RS 232C)	COM1: D-sub 9 pin (plug) (RI/+5V switchable) COM2: D-sub 9 pin (plug) (RI/+5V switchable) COM3: D-sub 9 pin (plug) (RS-422/RS-485 switchable) *1 COM4: D-sub 9 pin (plug)	
LAN	Rear 2 ports. RJ-45 type modular jack connector (8 pins). LAN1: auto change to 10BASE-T/100BASE-TX LAN2: auto change to 10BASE-T/100BASE-TX/1000BASE-T	
USB	USB 2.0 compatible rear 4 ports. Switchable to Disable by hardware setting.	
Sound	LINE IN, SPEAKER OUT, MIC IN. Rear 3 ports (Mini DIN 6 pin connector.)	
Disk	40 GB Hard Drive. IDE I/F. Master: 2.5 inch HDD I/F. Slave: CF Card I/F (not hot-swappable). Switchable to Master by hardware setting. DVD-ROM/Floppy Disk Drive.	
PCMCIA	Side 2 ports. PCMCIA Type II,Type III can be available. Corresponding to CARD BUS (Excluding Zoomed Video, SOUND functions)	
PCI	Rev.2.2 compatible PCI I/F (5V) 1 Port	

*1 The sent data is echoed back. Transmission Enable is controlled with DTR.

General Specifications

Input Voltage	AC100 / 240V (Rated Voltage AC85 to 265V)
Power Consumption	150VA or less
Allowable Voltage Drop	1 cycle or less (Voltage drop interval must be 1s or more.)
Voltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)
Insulation Resistance	DC500V 10MΩ(min.) (between charging and FG terminals)
Certifications	UL508, CE, CSA-C22.2 No.142-M1987, EN55011 Class A, EN61000-6-2, EN60950-1, RoHS
Temperature	0 to 50°C without HDD; 5 to 50°C with HDD
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 29°C or less). Storage Temperature -20 to +60°C
Corrosive Gas	Free of corrosive gases
Noise Immunity	Noise Voltage: 1500Vp-p, Pulse Duration: 50ns, 500ns, 1µs Rise Time: 1ns (via noise simulator)
Cooling Method	Forced Air Cooling by Fan
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)
Vibration Resistance	without HDD - IEC61131-2 compliant, 5 to 9Hz single-amplitude 3.5mm, 9 to 150Hz constant-accelerated velocity 9.8m/s². X,Y,Z directions for 10 cycle (100 minute) with HDD - 4.9m/s² (10 to 25Hz X, Y, Z directions for 30 minute)
Rating	Equivalent to IP65f NEMA #250 TYPE 4X/12.
Weight	Approx. 8.0kg [17.6lb] max. (unit only)
External Dimensions	395mm [15.55in.] x 294mm [11.57in.] x 100mm [3.94in.]
Warranty	One (1) year

PS-3710A - External Dimensions - North American Version

Unit: mm [in.]

Top

404.8 [15.94]

$385 ^{+0.2}_{-0.4}$ [$15.16 ^{+0.01}_{-0.02}$]

160 [6.30]   160 [6.30]

410 [16.14]   5.3 [0.210]   100 [3.94]   4.3 [0.17]

303.8 [11.96]

309 [12.17]

$284 ^{+0.2}_{-0.4}$ [$11.1 8 ^{+0.01}_{-0.02}$]

Left Side

Right Side

165 [6.50]   Front   160 [6.30]

Bottom

Ordering Information

Part Number	Description
PS3710A-512-2K40	15" TFT Color LCD, 512 Megabyte, Windows 2000 OS
PS3710A-512-XP40	15" TFT Color LCD, 512 Megabyte, Windows XP OS
PS3710A-1G-2K40	15" TFT Color LCD, 1 Gigabyte, Windows 2000 OS
PS3710A-1G-XP40	15" TFT Color LCD, 1 Gigabyte, Windows XP OS

Optional Items

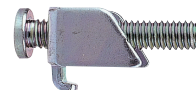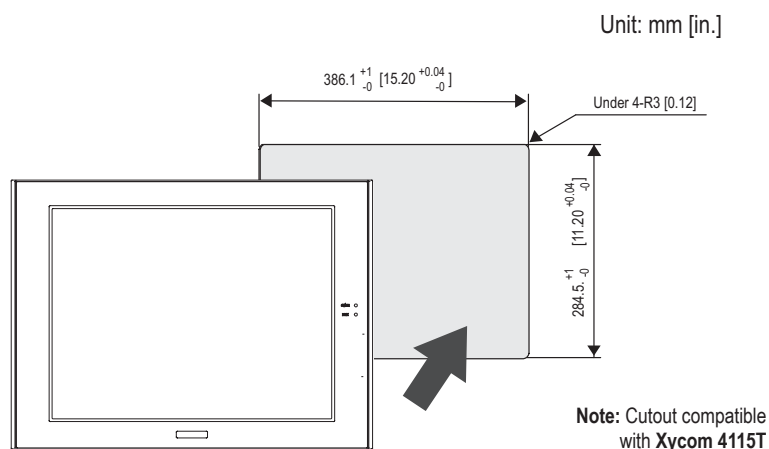| Product Name		Part Number
DIMM Memory Module	512 MB	PSA-DDR512
	1 GB	PSA-DDR1G
HDD Unit *2	40 GB	PS365XA-HD40
CF Card	256MB	CA3-CFCALL/256MB-01
	512MB	CA3-CFCALL/512MB-01
	1GB	CA6-CFCALL/1GB-01
Installation Fasteners *1		CA3-ATFALL-01
Backlight (2 pieces/set for 1 unit)		CA3-BLU15-01
Screen Protection Sheet (5 sheets/set)		CA3-DFS15-01

*1 Standard attachment for all models.
*2 Not installed with operating system.

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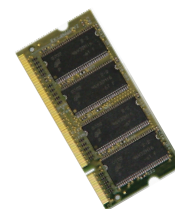
PS-3710A - Cut-Out Dimensions - North American Version

Unit: mm [in.]

$386.1 ^{+1}_{-0}$ [$15.20 ^{+0.04}_{-0}$]

Under 4-R3 [0.12]

$284.5 ^{+1}_{-0}$ [$11.20 ^{+0.04}_{-0}$]

Note: Cutout compatible with **Xycom 4115T**

Installation Fasteners

CF Card

DIMM Memory Module

Screen Protection Sheet (5 sheets/set)