

15" Light Duty Panel Computer - PS3710A Series



15-inch TFT Color LCD Panel Computer

PS-3710A

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

AC100/240V
XGA
15-inch

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

UL LISTED | SF | CE | RoHS

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

Performance Specifications

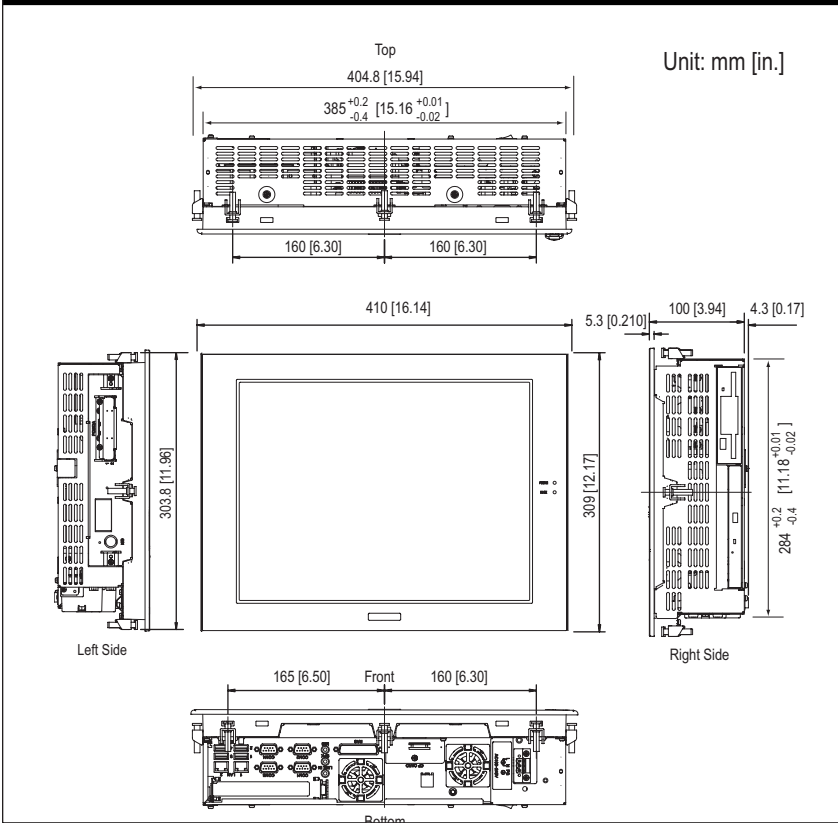
Model	PS3710A-1G-2K40 PS3710A-1G-XP40	PS3710A-512-2K40 PS3710A-512-XP40
Supported OS	Windows 2000 (2K40) - Windows XP (XP40)	Windows 2000 (2K40) - Windows XP (XP40)
CPU	Intel® Pentium® M 1.6GHz	Intel® Pentium® M 1.6GHz
Standard Memory	1.0 Gigabytes	512 Megabytes
Maximum Memory	2 Slots (Max. 2GB) SO-DIMM 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/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)
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



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

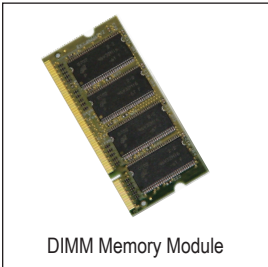
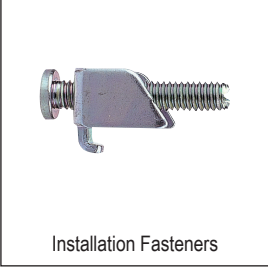
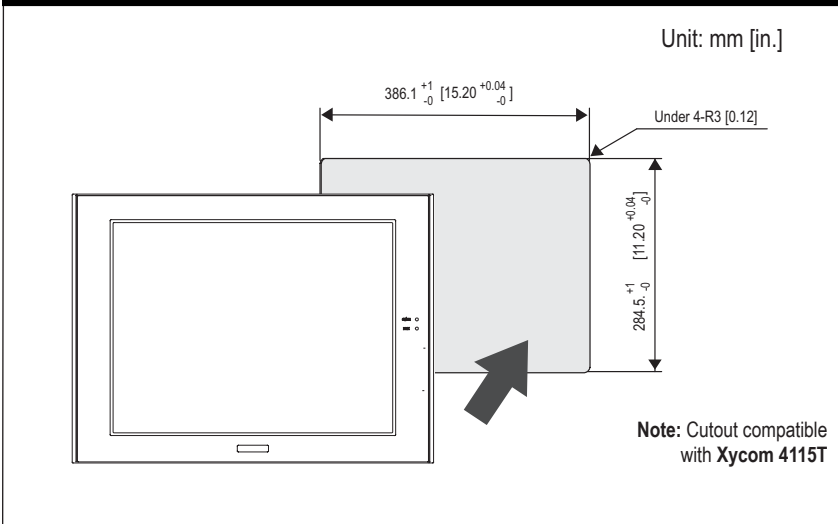
Optional Items

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.

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
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 - All information contained in this document is subject to change without notice.

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



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