

8.4" Light Duty Panel Computer - PS3450A



TouchPanel
Operation



8.4-inch TFT Color LCD
Panel Computer

PS-3450A

Models: PS3450TA-CM10-1G-XM40

CPU: Intel Celeron M 1.0GHz

AC100/240V	8.4-inch
SVGA	



Features:

- 8.4-inch (SVGA 800 × 600) TFT Touch Panel Computer
- Intel® Celeron® M 1.0GHz
- 40 GB Hard Drive
- Aluminum Housing
- Reliability, Availability, Serviceability (RAS) features
- NEMA 4x/12 Rated
- RoHS Directive-conforming
- Boot from HDD or CF Card

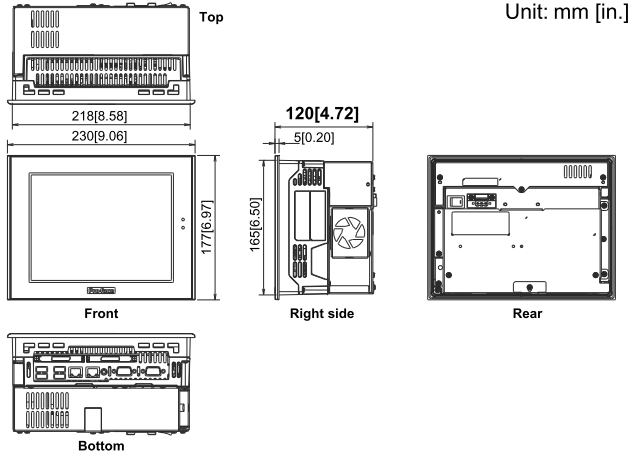
Performance Specifications

Model	PS3450TA-CM10-1G-XM40
Supported OS	Windows XP Pro (multi-language)
CPU	Intel® Celeron M 1.0GHz
Standard Memory	1GB
Maximum Memory	1 Slots (Max. 1GB) SO-DIMM socket
Graphics Display Resolution	SVGA (800 × 600 dots)
Video Memory	Max. 64MB (When using Windows®) UMA Type
Display Type and Size	TFT Color LCD (8.4 inch)
Display Colors	260,000 Colors
Display Area	W172.4mm [6.79in.] x H129.8mm [5.11in.]
Touch Screen	Resistive Film (Analog)
Serial (RS 232C)	COM1: D-sub 9 pin (plug) COM2: D-sub 9 pin (plug) (RS-422/RS-485 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/1000BASE-T
USB	USB 2.0 compatible rear 4 ports.
Sound	SPEAKER OUT, Rear 1 port (Standard Type Audio jack is used.)
Disk	Master: 2.5 inch HDD I/F. Slave: CF Card I/F (not hot-swappable). Switchable to Master by hardware setting. Secondary Master: CF Card I/F.
PCI	Rev.2.2 compatible PCI I/F (5V) 1 Port Slot Length: Depth 174.63mm[6.88in.] x Height 106.68mm[4.2in.]

General Specifications

Model	PS3450TA-CM10-1G-XM40
Input Voltage	AC100 to 240V (Rated Voltage AC85 to 265V)
Power Consumption	120VA 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 (Storage Temperature -20 to +60°C)
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 39°C or less). Wet bulb temperature with HDD; 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)
Rating	Equivalent to IP65f
Weight	Approx. 4.0kg [8.8lb] max. (unit only)
External Dimensions	230mm [9.06in.] W x 177mm [6.97in.] H x 120mm [4.72in.] D (not including connectors)
Warranty	One (1) year

PS-3450A - External Dimensions



Ordering Information

Part Number	Description
PS3450TA-CM10-1G-XM40	8.4" TFT Color LCD, 1G Memory, Windows XP OS

Accessories or Replacement Components

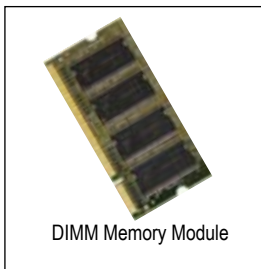
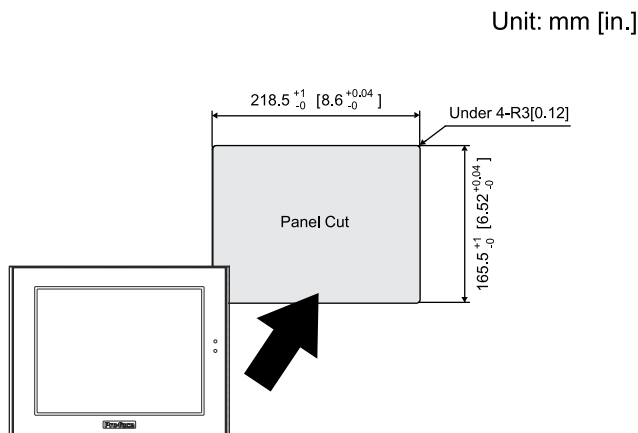
Product Name	Part Number
DIMM Memory Module	1 GB PSA-DDR1G (Note: Unit ships with max memory installed)
HDD Unit	40 GB PS345XA-HD40
CF Card	1GB CA6-CFCALL/1GB-01
Installation Fasteners *1	CA3-ATFALL-01
Screen Protection Sheet (5 sheets/set)	CA7-DFS8-01

*1 Standard attachment for all models.

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.

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Panel Cut Dimensions



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For more information
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