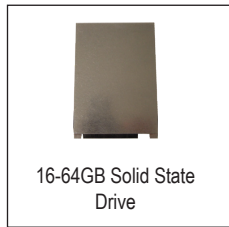
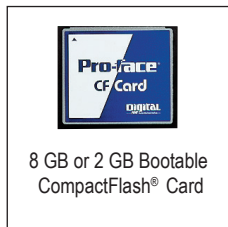


15" Panel Computer - PS3710A-T42-24V Series (DC Model)



TouchPanel Operation



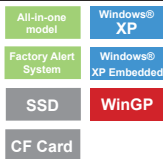
15-inch TFT Color LCD Panel Computer

PS-3710A

24VDC
XGA
15-inch

Model: PS3710A-T42 Series

CPU: Intel Pentium M 1.6 GHz



Features:

- 15-inch (XGA 1024x768) TFT Touch Panel Computer
- Intel® Pentium® M 1.6 GHz
- 60GB Hard Drive, 2 or 8GB CF Drive, 16-64 GB SSD (Solid State Drive)
- Windows XP Pro or XP Embedded
- SSD (Solid State Drive) for Reliability and faster data access
- DVD-ROM/Floppy Disk Drive
- NEMA 4/4x/12 Rated

- Integrated Factory Alert System with Output Port**
- Class I, Div. 2 Hazardous Location
- Open HMI WinGP Option**
- Use PC as On-demand Touch Screen HMI
- Allows 3rd Party Applications to Run Concurrently:
 - SPC, Vision, SCADA, MRP
- Expands PC Hardware and Data Connectivity Options

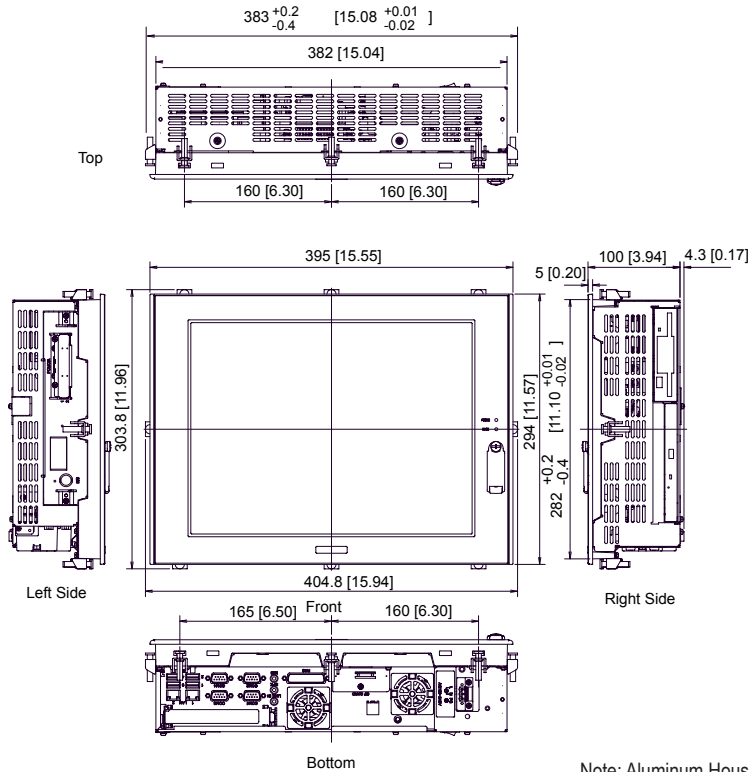
Performance Specifications

Model	PS3710A-T42 Series - Build to order (See reverse side for ordering information)
Supported OS	Windows® XP Multi-language (XM60, XM16S, XM16SA, XM32SA, XM64SA), Windows® XP Pro* (XPC08) (*This version of XP Pro includes English, French, Spanish, Brazilian Portuguese, Japanese, Simplified and Traditional Chinese Languages), Windows® XP Embedded Multi-language (EM2G)
CPU	Intel® Pentium® M 1.6 GHz
Standard Memory	1 GB SO-DIMM Standard, 2 GB SO-DIMM Optional
Maximum Memory	2 Slots (Max. 2 GB) SO-DIMM socket
Graphics Display Resolution	XGA (1024 x 768 dots)
Video Memory	Max. 64 MB (When using Windows®) UMA Type
Display Type and Size	TFT Color LCD (15 inch)
Display Colors	262,144 Colors
Display Area	W 304.1mm[11.97in.] x H 228.1mm[8.98in.]
Touch Screen	Resistive Film (Analog)
Serial	COM1: RS 232C, D-sub 9 pin (plug) (RI/+5V switchable) COM2: RS 232C, D-sub 9 pin (plug) (RI/+5V switchable) COM3: RS 232C, D-sub 9 pin (plug) (RS-422/RS-485 switchable) COM4: RS 232C, 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 (Support Wake On LAN)
USB	USB 2.0 compatible rear 4 ports, Switchable to Disable by hardware setting, USB 2.0, Front face, 1 port
Sound	Line In, Speaker output, MIC In, rear 3 ports (3.5mm jack x 3)
Disk	IDE I/F, Master: 2.5 inch 60GB HDD. or 16-64GB SSD Slave: CF Card I/F (not hot-swappable). Switchable to Master by hardware setting. DVD-ROM/Floppy Disk Drive
PCMCIA	Side 2 ports. PCMCIA TypeII/III. Corresponding to cARD BUS (Excluding Video Zoom, SOUND functions)
PCI	Rev.2.2 compatible PCI I/F (5V) 1 Port, Slot Length: Depth 240mm[9.45in.] x Height 106.68mm[4.20in.]
RAS**	D-Sub, 25pin Socket, 1 Port
**1 Factory Alert System is equipped with the built-in RAS interface.	

General Specifications

Model	PS3710A-T42 Series
Input Voltage	24V DC (Rated Voltage 19.2 to 28.8V)
Power Consumption	110W or less
Allowable Voltage Drop	5ms or less
Voltage Endurance	AC1000V 20mA for 1 minute (between charging and FG terminals)
Insulation Resistance	DC500V 10MΩ(min.) (between charging and FG terminals)
Certifications	UL508, CSA-C22.2 No.142-M1987, ANSI/ISA-12.12.01-2007 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CSA-C22.2 No.213-M1987 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CE (EN55011 Class A, EN61000-6-2), RoHS
Temperature	0 to 50°C (32 to 122°F) without HDD; 5 to 50°C (41 to 122°F) with HDD
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 29°C (84.2°F) or less). Storage Temperature -20 to +60°C (-4 to 140°F)
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	IEC61131-2 compliant: Without HDD - 5 to 9Hz half-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)
Shock During Operation	EN/IEC 60068-2-27 compliant, 147m/Sec, 11msec (Approx. 15G), 3 shocks to 3 direction/ axis
Rating	Equivalent to IP65f NEMA #250 TYPE 4/4X/12.
Weight	Approx. 8.0kg [17.6lb] max. (unit only)
External Dimensions	395mm [15.55in.] W x 294mm [11.57in.] H x 100mm [3.94in.] D
Warranty	Two (2) year

PS-3710A - External Dimensions - Global Version



Ordering Information

PS3710A-T42-24V - - -

Memory:

1G.....1 GB

2G.....2 GB

Operating System:

XM60....60 GB HDD w/ XP ML

EM2G...2 GB CF w/ XP ML

XPC08..8 GB CF w/ XP Pro*

XM16S....16GB SSDw/XP ML

XM16SA..16GB SSDw/XP ML

XM32SA..32GB SSDw/XP ML

XM64SA..64GB SSDw/XP ML

Secondary Storage:

Blank.....No Secondary Storage

NO60.....60GB HDD

NO16SA..16GB SSD

NO32SA..32GB SSD

Open HMI:

Blank.....No HMI Software Included

WG.....WinGP Installed

* The languages included with this version of Windows XP Pro are English, French, Spanish, Brazilian Portuguese, Japanese, Simplified and Traditional Chinese.

Optional Items

Product Name	Part Number
SO-DIMM Memory Module	1 GB PSA-DDR1G
HDD Unit *2	60 GB PS371XA-HD60P
CF Card*2	512MB CA3-CFCALL/512MB-0
	1GB CA6-CFCALL/1GB-01
	2GB CA8-CFCALL/2GB-01
	8 GB 144766
Installation Gasket *1	CA3-WPG15-01
Installation Fasteners *1	CA3-ATFALL-01
Backlight (2 pieces/set for 1 unit)	CA7-BLU15-01
DC Power Connector *1	CA7-DCCNL-01
Screen Protection Sheet (5 sheets/set)	CA3-DFS15-01

*1 Standard attachment for all models.

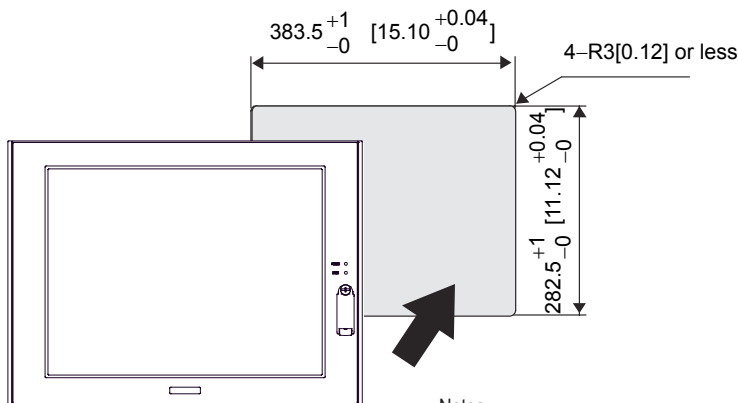
*2 Not installed with operating system.

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

- 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-3710A - Cut-Out Dimensions - Global Version



Notes:
1. VESA standard mounting available

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

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