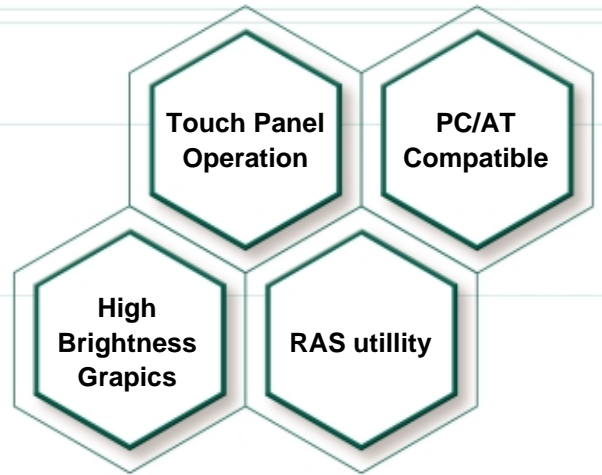


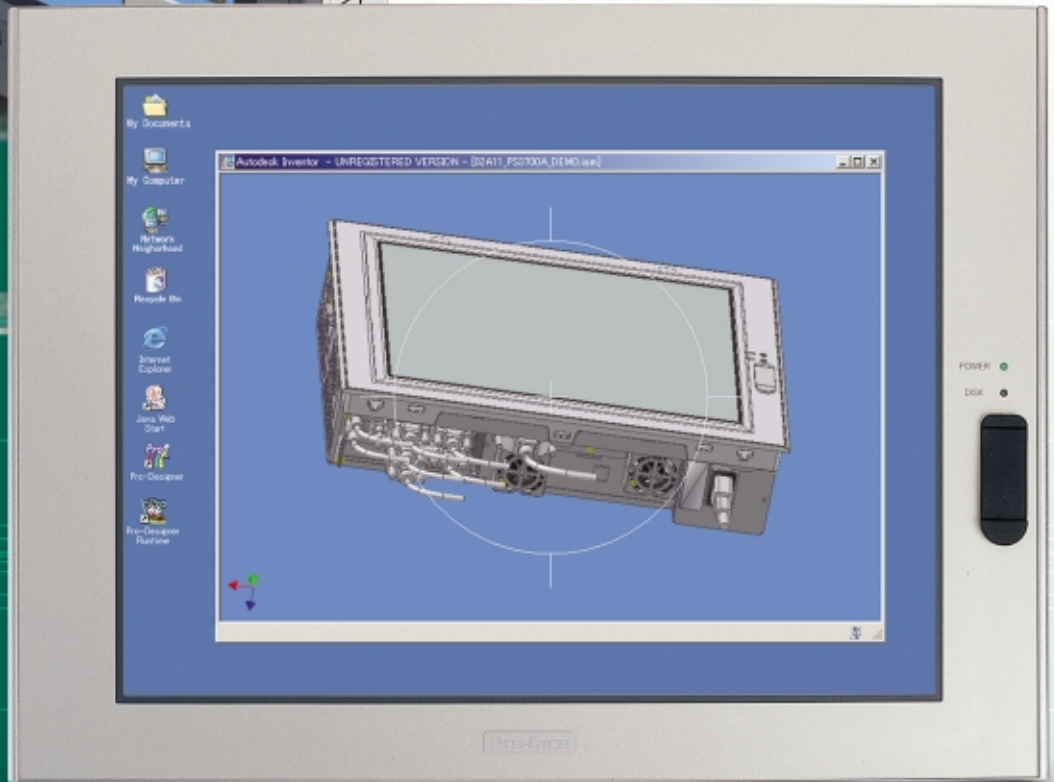
Pro-face

Human Machine Interface



01001000
01001000
01001000

- PL-7920T
- PL-7921T
- PL-6920T
- PL-6921T
- PL-5900T
- PL-5901T
- PS-3700A
- PS-3701A
- PS-600G
- PS-400G
- PS-2000B
- FP-3700T
- FP-2600T
- FP-2500T

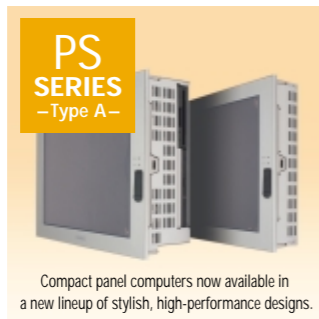


ISO9001
JQA-1367

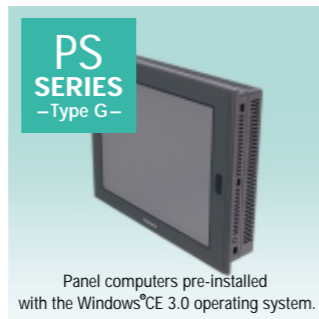
Industrial Personal Computers



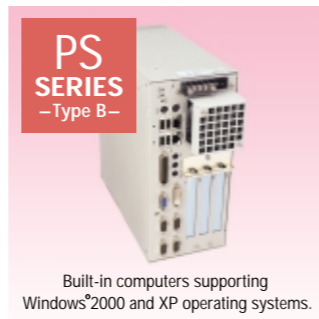
>>> P3



>>> P6



>>> P7



>>> P8






>>> P9






>>> P10

Industrial Personal Computer LINE-UP




Premium Touch Panel displays that can be used as a computer or a display or for remote monitoring.




PL SERIES			
			
	>>> P3	>>> P3	>>> P5
Model	PL-7920T(4 slots) PL-7921T(2 slots)	PL-6920T(4 slots) PL-6921T(2 slots)	PL-5900T(3 slots) PL-5901T(1 slot)
Screen Size (Graphics)	15 inch XGA (1024 x 768 Pixels)	12.1 inch SVGA (800 x 600 Pixels)	10.4 inch VGA (640 x 480 Pixels)
Display Device	TFT color LCD		
Supported OS	Windows [®] 98SE/ WindowsNT [®] 4.0/ Windows [®] 2000/ Windows [®] XP		Windows [®] 98SE/ WindowsNT [®] 4.0/ Windows [®] 2000
CPU	Intel Pentium [®] III 700MHz*/1GHz		AMD-K6 [®] -III E+500MHz
Main memory	128MB(256MB max)		64MB(256MB max)
Expansion Slots	PL-7920/6920:ISA x 2, PCI/ISA x 2 PL-7921/6921:ISA x 1, PCI/ISA x 1		PL-5900:PCI/ISA x 2, ISA x 1 PL-5901:PCI/ISA x 1
Fan-less	Yes (Only 700MHz Type)		
Interface	Serial	3 ports	
	Printer	1 port	
	USB	3 ports	2 ports
	Ethernet	1 port	
	Keyboard	2 port	
	Mouse	1 ports	
	Disk(HD)	2 slots	
	Disk(FD)	2 ports*2 (4 slots Type) / 1 port (2 slots Type)	
	RAS	1 port	
	Others	CD-ROM drive (optional), CF card I/F (not hot-swappable optional)	

*1. Operation without cooling fan supported by Pentium[®]III 700MHz CPU models only. *2. Cannot be used simultaneously, except front panel on 4-slot model.

PS SERIES Type A			
			
	>>> P6	>>> P6	>>> P6
Model	PS-3700A (Pentium4-M 1.7GHz)	PS-3700A (Eden ESP6000 667MHz)	PS-3701A (Eden ESP6000 667MHz)
Screen Size (Graphics)	15 inch. XGA (1024 x 768 Pixels)		
Display Device	TFT color LCD		
Supported OS	Windows [®] 2000/ Windows [®] XP		
CPU	Intel Pentium [®] 4-M 1.7GHz	Eden [™] ESP6000 667MHz	Eden [™] ESP6000 667MHz
Main memory	256MB (512MB max)	128MB (256MB max)	
Expansion Slots	PCI x 1 slot		
Fan-less	No		Yes
Interface	Serial	4 ports	
	Printer	1 port	
	USB	3 ports*2	
	Ethernet	1 port	
	Keyboard	1 port	
	Mouse	1 port	
	Disk(HD)	1 slot	
	Disk(FD)	1 slot	
	Sound	LINE IN/SPEAKER OUT/MIC IN, 3 ports (using mini-jack connector)	
	Others	CD-ROM drive I/F, PCMCIA (Type II x 2 ports), CF card I/F (not hot-swappable)	


*2. All USB ports 1.1, except two rear PS-3700A Pentium 4, which are 2.0.

PS SERIES Type G		PS SERIES Type B		
				
	>>> P7	>>> P7	>>> P8	
Model	PS-400G	PS-600G	PS-2000B	
Screen Size (Graphics)	7.4 inch VGA (640 x 480 Pixels)	12.1 inch SVGA (800 x 600 Pixels)	VGA (640 x 480 Pixels) to UXGA (1600 x 200 Pixels)	
Display Device	TFT Color LCD			
Supported OS	Windows [®] CE 3.0			
CPU	200MHz SH4			
Main memory	32MB			
Expansion Slots	PCI x 3 slots			
Fan-less	Yes			
Interface	Serial	2 ports		
	Printer	1 port		
	USB	1 port	2 ports	4 ports
	Ethernet	1 port		2 ports
	Keyboard	1 port		1 port
	Mouse	1 port		1 port
	Disk (HD)	2 slots		2 slots
	Disk (FD)	1 port		1 port
	RAS	1 port		1 port
	Others	DIO unit (IN 8/OUT 8, optional), PCMCIA unit (optional)		Analog RGB Interface / Digital Visual Interface, CD-ROM/FD Drive (optional), CF card I/F (not hot-swappable optional)

FP SERIES			
			
	>>> P9	>>> P9	>>> P9
Model	FP-3700T	FP-2600T	FP-2500T
Screen Size (Graphics)	15 inch. XGA (1024 x 768 Pixels)	12.1 inch. SVGA (800 x 600 Pixels)	10.4 inch. VGA (640 x 480 Pixels)
Display Device	TFT color LCD		
Display Color	16,777,216 colors		262,144 colors
Contrast Adjustment	Yes		
Interface	Image		
	Analog RGB or DVI		
Touch Panel	RS-232C or USB		


Special Hardware Solutions

<Open-Frame Type>



6.5~15 inch

<Large High-resolution Model>



18.1~20.1 inch

Models for every purpose >>> P10

Line-up

Line-up

Pentium® III 700MHz or 1GHz CPU powered 15- and 12.1-inch TFT color LCD panel computers.



Touch Panel
Operation

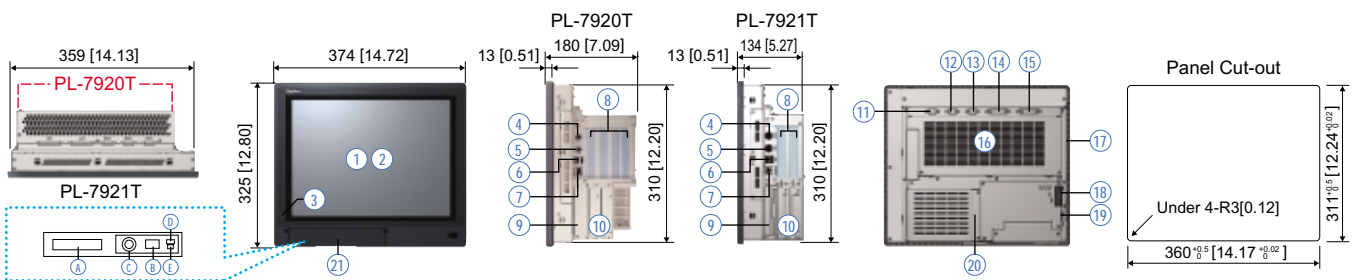
PL SERIES

Features

- IBM®PC/AT-compatible panel computers
- Loaded with Pentium®III 700MHz or 1GHz CPU
- Hard disk drive or CompactFlash®(CF) card bootable
- Interfaces: COM x 3, USB x 3, LAN x 1, PS/2 x 2, LPT x 1
- 128MB of memory (standard) or up to 256MB (maximum)
- Supported operating systems: Windows®98 SE, NT, 2000 or XP
- PCI/ISA bus expansion supported
- Universal power supply (AC100-240V)
- TFT Color LCD
- Touch-panel mouse emulation
- Fanless (700MHz Pentium®III)
- Reliability, Availability and Serviceability (RAS) utility
- Easy maintenance with Pro-face cartridge-type dual hard disk drives
- Software mirroring utility
- Embedded operating systems supported (Operable without hard disk drive if using CF card)
- Front or side mounted floppy disk drives (Front mounting available on 4 slot models only.)
- CD-ROM drive (optional)
- Replaceable backlight
- IP65f (JEM1030)/NEMA#250 Type 4X/12 equivalent protection
- International safety standard approval: UL and CE labeled
- Built to order and shipped with your choice of options

External Dimensions, Parts Names

Units:mm[in.]



External
Features

- | | | | |
|----------------------------------|---|---|--|
| ① Display Area | ⑦ LAN (Ethernet) Connector | ⑬ RS-232C Connector (COM3)<RI/+5V changeover> | ⑲ Power Switch |
| ② Touch Panel | ⑧ ISA/PCI Expansion Slots | ⑭ Printer Connector (LPT1) | ⑳ IDE I/F Cover |
| ③ Power Lamp LED/RAS Status Lamp | ⑨ Side Mount FDD Slot | ⑮ RAS Connector | ㉑ Front Maintenance Cover |
| ④ Keyboard Connector | ⑩ HDD/FFD/CF Card Expansion Unit Slots | ⑯ Rear Maintenance Cover | Ⓐ Front Mount FDD Slot |
| ⑤ Mouse Connector | ⑪ RS-232C Connector (COM1) | ⑰ Half Cover | Ⓑ USB Connector |
| ⑥ USB Connector | ⑫ RS-232C Connector (COM2)<RI/+5V changeover> | ⑱ Power Terminals | Ⓒ Keyboard Connector |
| | | | Ⓓ Touch Panel Interface Selector Switch (T-MODE) |
| | | | Ⓔ Hardware Reset Switch (RESET) |

Panel computers with large 15-inch displays.



PL-7920T
XGA 4 Slots
Windows® 98 Windows NT® Windows® 2000 Windows® XP



PL-7921T
XGA 2 Slots
Windows® 98 Windows NT® Windows® 2000 Windows® XP

*1. Windows NT® refers to Windows NT® workstation 4.0, Windows®2000 refers to Windows®2000 Professional, and Windows®XP refers to Windows®XP Professional.

Exceptionally reliable, easy-to-use 12.1-inch panel computers.



PL-6920T
XGA 4 Slots
Windows® 98 Windows NT® Windows® 2000 Windows® XP



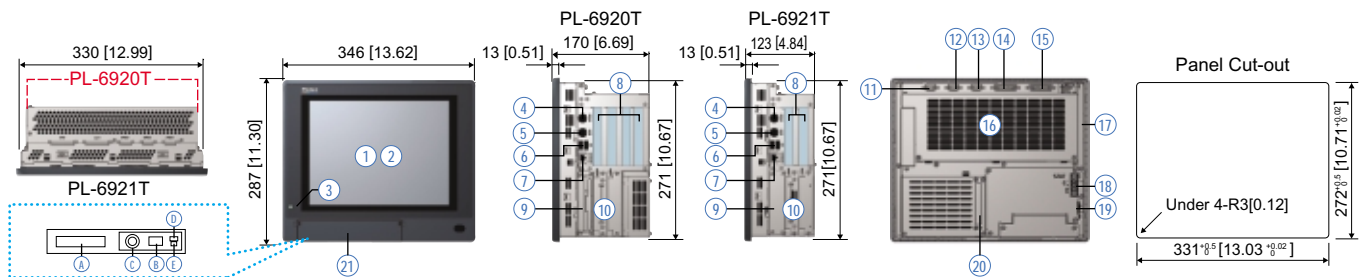
PL-6921T
XGA 2 Slots
Windows® 98 Windows NT® Windows® 2000 Windows® XP

*1. Windows NT® refers to Windows NT® workstation 4.0, Windows®2000 refers to Windows®2000 Professional, and Windows®XP refers to Windows®XP Professional.

PL SERIES

External Dimensions, Parts Names

Units:mm[in.]



- | | | | |
|----------------------------------|---|---|--|
| ① Display Area | ⑦ LAN (Ethernet) Connector | ⑬ RS-232C Connector (COM3)<RI/+5V changeover> | ⑲ Power Switch |
| ② Touch Panel | ⑧ ISA/PCI Expansion Slots | ⑭ Printer Connector (LPT1) | ⑳ IDE I/F Cover |
| ③ Power Lamp LED/RAS Status Lamp | ⑨ Side Mount FDD Slot | ⑮ RAS Connector | ㉑ Front Maintenance Cover |
| ④ Keyboard Connector | ⑩ HDD/FFD/CF Card Expansion Unit Slots | ⑯ Rear Maintenance Cover | Ⓐ Front Mount FDD Slot |
| ⑤ Mouse Connector | ⑪ RS-232C Connector (COM1) | ⑰ Half Cover | Ⓑ USB Connector |
| ⑥ USB Connector | ⑫ RS-232C Connector (COM2)<RI/+5V changeover> | ⑱ Power Terminals | Ⓒ Keyboard Connector |
| | | | Ⓓ Touch Panel Interface Selector Switch (T-MODE) |
| | | | Ⓔ Hardware Reset Switch (RESET) |

K6® - III E+ 500MHz 10.4-inch TFT color LCD panel computers. (Limited time offer!)



Touch Panel
Operation



Features

- IBM®PC/AT-compatible panel computers
- Loaded with AMD-K6™-III E+ 500MHz CPU
- Hard disk drive or CF card bootable
- Interfaces: COM x 3, USB x 2, LAN x 1, PS/2 x 2, LPT x 1
- 68MB of memory (standard) or up to 256MB (maximum)
- Supported operating systems: Windows®98 SE or Windows NT® or Windows®2000
- PCI/ISA bus expansion supported
- AC 100V or DC 24V power supply
- Premium TFT Color LCD: 10.4-inch VGA
- Touch-panel mouse emulation
- Fanless
- Reliability, Availability and Serviceability (RAS) utility
- Easy maintenance with Pro-face cartridge-type hard disk drives (Cartridge-type dual hard disk drives (3-slots model only))
- Software mirroring utility
- Embedded operating systems supported (Operable without hard disk drive if using CF card)
- Front mounted floppy disk drive
- Optional CD-ROM drive for software installation
- Replaceable backlight
- IP65f (JEM1030) / NEMA#250 Type 4X/12 equivalent protection
- International safety standard approval: UL and CE labeled (DC24V power supplied models only)
- Built to order and shipped with your choice of options

PL SERIES



PL-5900T

VGA

10.4 inch

3 Slots



Windows® 98SE Windows NT® Windows® 2000



PL-5901T

VGA

10.4 inch

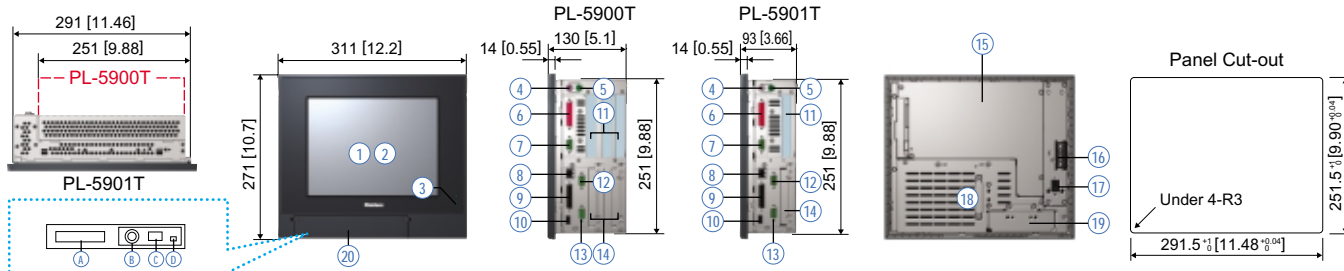
1 Slot



Windows® 98SE Windows NT® Windows® 2000

External Dimensions, Parts Names

Units:mm[in.]



External
Features

- | | | | |
|----------------------------------|---|---|---------------------------------|
| ① Display Area | ⑦ RS-232C Connector (COM1) | ⑬ RS-232C Connector (COM3)<RI/+5V changeover> | ⑲ FDD for Blank Panel |
| ② Touch Panel | ⑧ LAN (Ethernet) Connector | ⑭ HDD/FFD/CF Card Expansion Unit Slots | ⑳ Front Maintenance Cover |
| ③ Power Lamp LED/RAS Status Lamp | ⑨ RAS Connector Side Mount FDD Slot | ⑮ Rear Maintenance Cover | ① Front Mount FDD Slot |
| ④ Keyboard Connector | ⑩ USB Connector | ⑯ Power Terminals | ② Keyboard Connector |
| ⑤ Mouse Connector | ⑪ ISA/PCI Expansion Slots | ⑰ Power Switch Half Cover | ③ USB Connector |
| ⑥ Printer Connector (LPT1) | ⑫ RS-232C Connector (COM2)<RI/+5V changeover> | ⑱ IDE I/F Cover | ④ Hardware Reset Switch (RESET) |

Pentium® 4-M 1.7GHz or Eden™ ESP6000 667MHz CPU powered 15-inch TFT color LCD compact panel computers.



Features

- IBM®PC/AT-compatible panel computers
- Pentium®4-M 1.7GHz or Eden™ ESP6000 667MHz CPUs <PS-3700A>
- Eden™ 667MHz CPU <PS-3701A>
- Hard disk drive or CF card bootable
- Interfaces: COM x 4, USB x 3, LAN x 1, PS/2 x 2, LPT x 1, Sound <PS-3700A>
COM x 2, USB x 3, LAN x 1, PS/2 x 1, LPT x 1, Sound <PS-3701A>
- PCMCIA Type II x 2
- Memory: 256 or 512MB (Pentium®4-M)
128 or 256MB (Eden™)
- Supported operating systems: Windows®2000 or Windows®XP
- PCI bus expansion supported <PS-3700A:1 slot>
- AC 100-240V power supply <PS-3700A>
- DC 24V power supply <PS-3701A>
- Large TFT Color LCD: 15-inch XGA
- Touch-panel mouse emulation
- Fanless <PS-3701A>
- Comes standard with CD-ROM and floppy disk drives <PS-3700A>
- Rear mounted CD-ROM drive <PS-3701A:optional>
- Low-profile design: 60mm deep<PS-3701A>
- Reliability, Availability and Serviceability (RAS) utility
- Embedded operating systems supported (Operable without hard disk drive if using CF card)
- VESA standard pattern for mounting on arm or stand
- Replaceable backlight
- Rugged aluminum body
- IP65f (JEM1030) / NEMA#250 Type 4X/12 equivalent protection
- International safety standard approval: UL, CSA and CE labeled
- Built to order and shipped with your choice of options



PS-3700A

XGA

15 inch



PS-3701A

XGA

15 inch

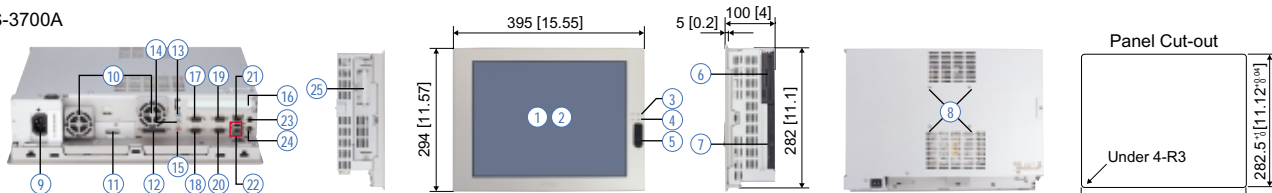


*1. Hard disk drives available pre-installed with Windows® 2000 MultiLanguage Version.

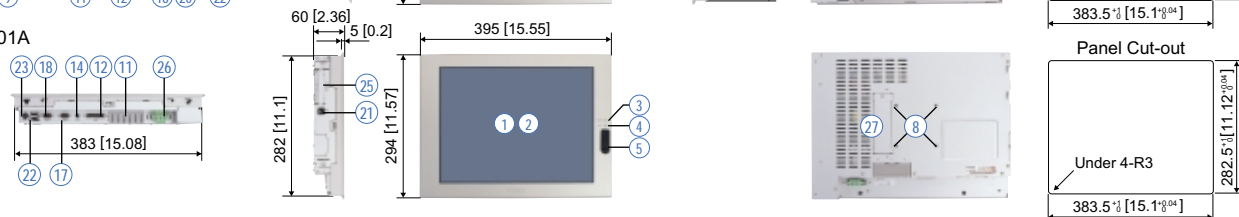
External Dimensions, Parts Names

Units:mm[in.]

PS-3700A



PS-3701A



External Features

- | | | | |
|---|--|---|---|
| ① Display Area | ⑧ Arm Attachment Compatible (VESA 75mm) | ⑮ Mike Input Connector (MIC IN) | ⑳ LAN (Ethernet) Connector |
| ② Touch Panel | ⑩ AC Inlet Connector | ⑯ Expansion Slot | ㉑ USB Connector |
| ③ Power Lamp LED/RAS Status Lamp | ⑪ Cooling FAN | ⑰ RS-232C Connector (COM1)<RII+5V changeover> | ㉒ Keyboard Connector |
| ④ IDE Access Lamp | ⑫ CF Card Slot | ⑱ RS-232C Connector (PS-3700A:COM2<RII+5V changeover>
PS-3701A:COM2<RS-232C/RS-422/RS-485 changeover, RI+5V changeover>) | ㉓ Mouse Connector |
| ⑤ Front Panel (Hardware Reset Switch / USB Connector) | ⑬ Printer Connector (LPT) | ⑲ RS-232C Connector (COM3)<RS-232C/RS-485 changeover> | ㉔ PCMCIA Connectors (PS-3700A:2 ports/PS-3701A:1port) |
| ⑥ FD Drive | ⑭ Line Input Connector (LINE IN) | ㉑ RS-232C Connector (COM4) | ㉕ Power Input Terminal Block |
| ⑦ CD-ROM Drive | ⑯ Speaker Output Connector (SPEAKER OUT) | | ㉖ CD-ROM Drive I/F |

PS SERIES Type A

RISC CPU powered 12.1- or 7.4-inch TFT color LCD panel computers with Windows®CE operating system.



Features

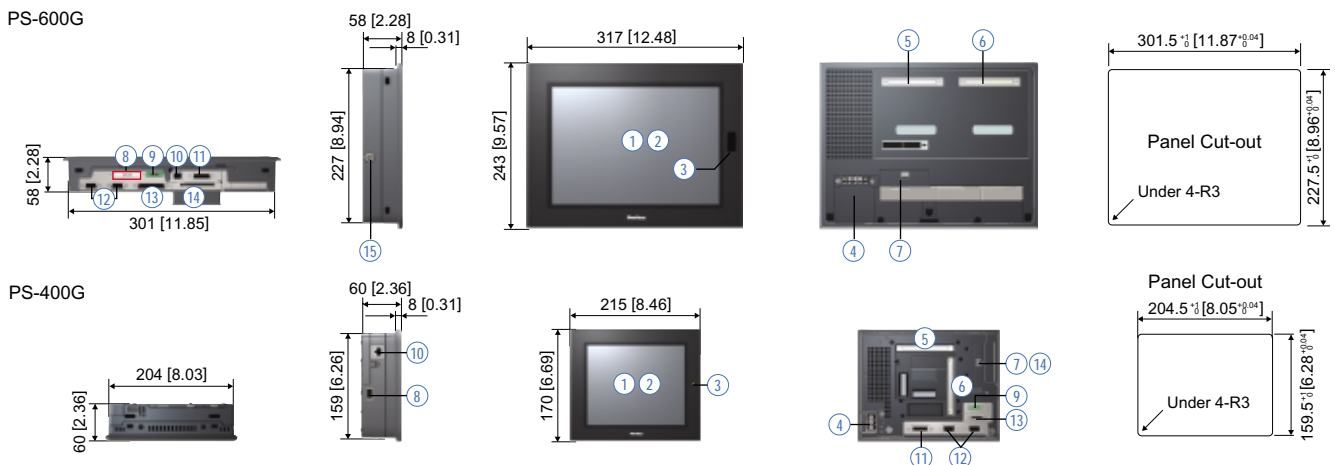
- Windows®CE panel computers
- Loaded with RISC SH4 200MHz CPU
- Diskless operation
- Interfaces: COM x 2, USB x 2, LAN x 1, PS/2 x 1, LPT x 1, CF x 1, audio (PS-600G)
COM x 2, USB x 1, LAN x 1, LPT x 1, CF x 1, audio (PS-400G)
- Memory: 32MB (standard)
- Supported operating system: Windows®CE 3.0
- PCMCIA (optional)
- DIO 8 digital input/output (optional)
- AC 100V or DC 24V power supply (PS-400G uses DC power supply only)
- Premium TFT Color LCDs: 12.1-inch SVGA or 7.4-inch VGA
- Touch-panel mouse emulation
- Fanless operation
- Reliability, Availability and Serviceability (RAS) utility
- Remote Desktop Protocol (RDP) as a standard feature
- Application development kit (optional)
- VESA standard for attachment of cover or mounting on wall or desktop stand (optional)
- PS-400G also available mounted in tabletop terminal (IT2400 series Type-C)
- Replaceable backlight
- IP65f (JEM1030) / NEMA#250 Type 4X/12 equivalent protection

PS SERIES Type G



External Dimensions, Parts Names

Units:mm[in.]



External Features

- | | | | |
|----------------------------------|---------------------------------------|----------------------------------|------------------------------------|
| 1 Display Area | 5 Expansion Unit Interface 1 (EXT1)** | 9 Sound Output Terminal Block | 13 Printer Interface (LPT) |
| 2 Touch Panel | 6 Expansion Unit Interface 2 (EXT2)** | 10 Ethernet Interface (10BASE-T) | 14 CF Card Slot |
| 3 Power Lamp LED/RAS Status Lamp | 7 CF Card Cover | 11 RAS Interface (RAS) | 15 Keyboard/Mouse Interface (PS/2) |
| 4 Power Input Terminal Block | 8 USB Interfaces | 12 Serial Interfaces (COM1,COM2) | |

*1. When using the PS-400G, expansion interfaces EXT 1 and EXT 2 cannot be used simultaneously.



**Pentium® III 1GHz or
Celeron® 566MHz CPU powered
all-purpose "built-in computer"
offering seamless integration.**

Features

- IBM®PC/AT-type computer in tower case
- Loaded with Pentium®III 1GHz or Celeron®566MHz CPU
- Dual hard disk drive compatible
- Hard disk drive or CF card bootable
- Interfaces: COM x 4, USB x 4, LAN x 2, PS/2 x 2, RGB, DVI, Sound
- Memory: 128, 256MB
- Supported operating system: Windows®2000 or Windows®XP
- PCI bus expansion supported (3 slots)
- AC 100-240V power supply
- Reliability, Availability and Serviceability (RAS) utility
- Soon to be compatible with software mirroring utility
- Embedded operating systems supported (Operable without hard disk drive if using CF card)
- CD-ROM and floppy disk drives (optional)
- Remote placement 10m from display (When using FP-3700 and DVI connection)
- International safety standard approval: UL and CE labeled
- Built to order and shipped with your choice of options



PS-2000B



3 Slots

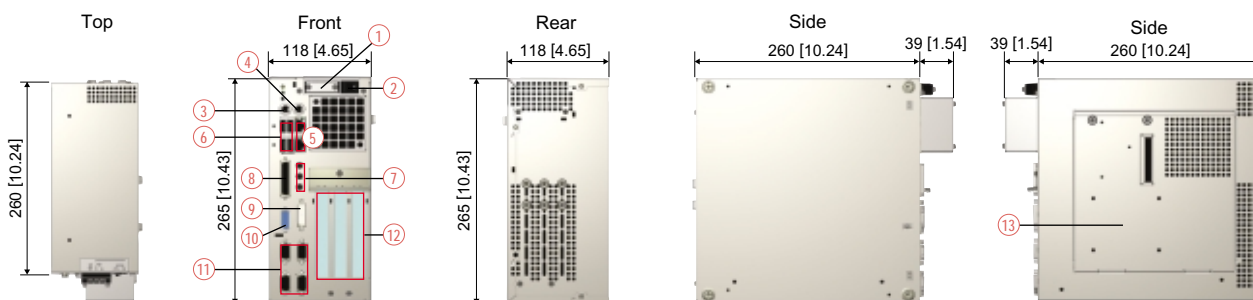
Windows®
2000 Windows®
XP

PS SERIES Type B

*1. Hard disk drives available pre-installed with Windows®2000 MultiLanguage Version.

External Dimensions, Parts Names

Units:mm[in.]



External
Features

- | | | | |
|---------------------------------|--|-------------------------------------|---------------------|
| ① Power Input Terminal | ⑤ LAN Connector (LAN1/LAN2) | ⑧ RAS Connector (RAS) | ⑪ RS-232C Connector |
| ② Power Switch | ⑥ USB Connector (USB) | ⑨ Dedicated Display Connector (DVI) | ⑫ Expansion Slots |
| ③ Mouse Connector (MOUSE) | ⑦ Speaker Output (SPEAKER)/
Line Input (LINE IN)/Microphone Input (MIC) | ⑩ Analog RGB Connector (VGA) | ⑬ Maintenance Cover |
| ④ Keyboard Connector (KEYBOARD) | | | |

Flat panel displays featuring DVI standard compatibility for built-in industrial applications.



Features

- DVI compatible flat panel displays
- Large and premium quality TFT Color LCDs: 15-inch XGA, (12.1-inch SVGA or 10.4-inch VGA)
- Touch-panel mouse emulation
- VESA standard hole pattern for mounting on stand or arm
- Replaceable backlight
- Rugged aluminum body
- IP65f (JEM1030) / NEMA#250 Type 4X/12 equivalent protection
- International safety standard approval: UL and CE labeled
- DC 24V power supply (FP2500T and FP-2600T)
- AC100V-240V power supply

FP SERIES



FP-3700T XGA 15 inch
CE UL cUL



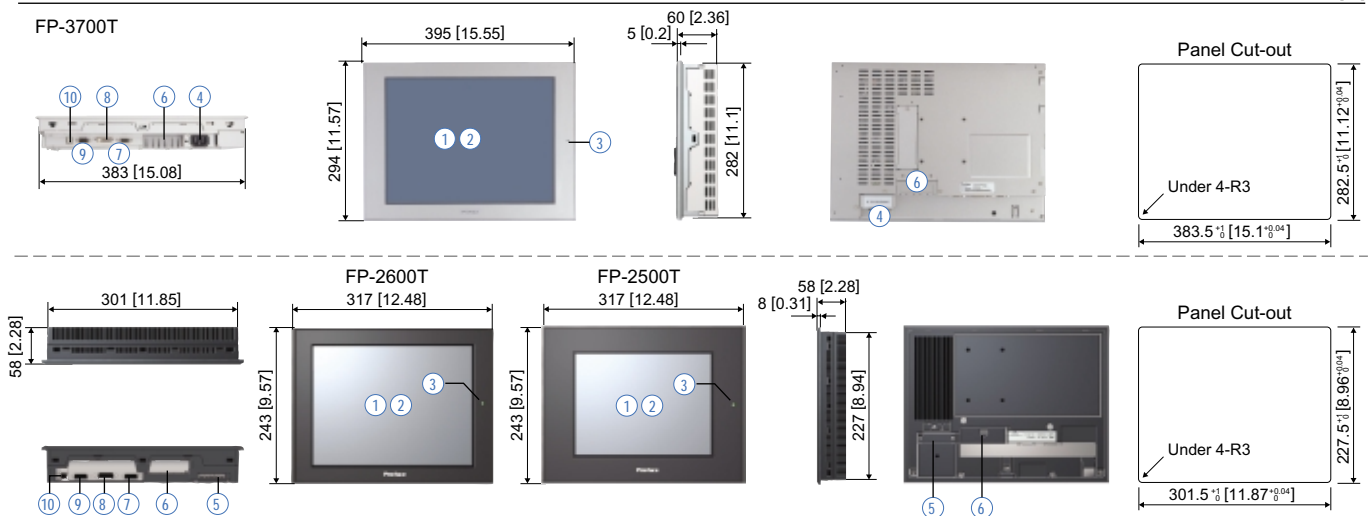
FP-2600T SVGA 12.1 inch
CE UL cUL (DC24V power supplied model)



FP-2500T VGA 10.4 inch
CE UL cUL (DC24V power supplied model)

External Dimensions, Parts Names

Units:mm[in.]



- ① Display Area
- ② Touch Panel
- ③ Power Lamp LED
- ④ AC Connector
- ⑤ Power Input Terminal Block
- ⑥ Setting Switch (Dip switch)
- ⑦ VGA Interface (analog RGB) Connector
- ⑧ DVI-D Interface Connector
- ⑨ RS-232C Connector
- ⑩ USB Connector

A wide-spectrum lineup spanning open-frame types optimal for embedded applications and large high-resolution models.

Open-Frame Type



6.5 inch

UF5310

VGA

Model: UF5310-2
TFT Color LCD CE



10.4 inch

UF5510

VGA

Model: UF5510-2-1
TFT Color LCD CE



12.1 inch

UF6610

SVGA

Model: UF6610-2-1
TFT Color LCD CE



15 inch

UF7810

XGA

Model: UF7810-2
TFT Color LCD CE

Special Hardware Solutions

Large High-resolution Model



18.1 inch

SXT1811-A

SXGA

Model: SXT1811-A
TFT Color LCD

CE RU c RU



20.1 inch

SXT2011-A

SXGA

Model: SXT2011-A
TFT Color LCD

CE RU c RU

● Please consult a Pro-face sales representative for details regarding the above monitors.
● The SXT1811-A and SXT2011-A are manufactured by Xycom Automation, Inc., a wholly owned subsidiary of Pro-face America, Inc.

Specifications

Performance Specifications

		Specifications							
Model		PL7921-T41	PL7921-T42	PL7920-T41	PL7920-T42	PL6921-T41	PL6921-T42	PL6920-T41	PL6920-T42
Supported OS		Windows®98 SE / Windows NT®4.0/ Windows® 2000/ Windows® XP							
CPU		Pentium®III 700MHz	Pentium®III 1GHz	Pentium®III 700MHz	Pentium® III 1GHz	Pentium®III 700MHz	Pentium® III 1GHz	Pentium®III 700MHz	Pentium® III 1GHz
Main Memory		SDRAM 128MB Standard (DIMM sockets x 2 256MB max.)							
BIOS		AWARD BIOS							
Secondary Cache Memory		256KB(built-in)							
Graphics		XGA (1024 x 768 pixels)				SVGA (800 x 600 pixels)			
Video Memory		MAX:32MB (UMA type)							
Display	Type	15 inch TFT Color LCD				12.1 inch TFT Color LCD			
	Display Colors	260,000 Colors							
	Pixel Density	1024 x 768 Pixels				800 x 600 Pixels			
	Effective Display Area	304.1W x 228.1H(mm)				246.0W x 184.5H (mm)			
Touch Panel	Backlight	CCFL (Replaceable)							
	Type	Resistive Film (Analog)							
	Resolution	1024 x 1024							
Interfaces	Serial	RS-232C(w/FIFO) — COM1 D-Sub 9pin male COM2 D-Sub 9pin male(RI/+5V switch poss.)*1 COM3 D-Sub 9pin male(RI/+5V switch poss.)*1							
	Printer	Complieswith CentronicsStandards(ECP/SPP/EPPEquivalent) D-Sub 25pin, female							
	USB	front 1port / side 2ports							
	LAN	10BASE-T/100BASE-TX auto change to 1port							
	Keyboard	PS/2Interface (mini DIN6pin, female) front 1port / side1port							
	Mouse	PS/2Interface (mini DIN6pin, female) side 1port							
	Disk I/F	FDD Unit: SideAccess/ 2modes/ 3.5" FD, Front Access/ 2modes/ 3.5" FD (Available for only PL-6920/PL-7920<4-slot type>) E-IDE I/F: 2.5" HDD I/F x 2							
	RAS	RAS Interface(D-sub 25pin, male)							

*1. Compatible with RS-232C/485 switching unit.

General Specifications

		Specifications								
Model		PL7921-T41	PL7921-T42	PL7920-T41	PL7920-T42	PL6921-T41	PL6921-T42	PL6920-T41	PL6920-T42	
Electrical	Rated Voltage(Rated Frequency)	AC100V/240V (50/60Hz)								
	Power Consumption	120VA or less		150VA or less		120VA or less		150VA or less		
	Allowable Pause Duration	shorter than 1cycle (however, pause occurrences must be more than 1 second apart)								
	Voltage Endurance	AC 1500V at 20mA for 1 minute (between the live wire and the grounding (FG) terminal)								
	Insulation Resistance	Greater than 10MΩ at DC 500V (between the live wire and the grounding (FG) terminal)								
Environment	Ambient Operating Temperature**	Cabinet Interior Panel face	Using Fan 5°C to 50°C (With HDD attached) Not using fan 5°C to 40°C (With HDD attached)**	Using Fan 5°C to 45°C (With HDD attached)	Using Fan 5°C to 50°C (With HDD attached) Not using fan 5°C to 40°C (With HDD attached)**	Using Fan 5°C to 45°C (With HDD attached)	Using Fan 5°C to 50°C (With HDD attached) Not using fan 5°C to 40°C (With HDD attached)**	Using Fan 5°C to 45°C (With HDD attached)	Using Fan 5°C to 50°C (With HDD attached) Not using fan 5°C to 40°C (With HDD attached)**	Using Fan 5°C to 45°C (With HDD attached)
	Storage Humidity	5~40°C								
	Storage Temperature	10% RH to 85% RH (no condensation)								
	Ambient Humidity	-10°C to +60°C								
	Corrosive Gases	10% RH to 85% RH (no condensation)								
	Noise Endurance (Impulse Noise)	Free of corrosive gases								
	Grounding	Noise Voltage: 1500Vp-p Pulse Duration: 50ns, 500ns, 1μs Rise Time: 1ns								
	Electrostatic Discharge Immunity	Protective grounding: D-Type grounding, Function grounding: D-type grounding								
	Vibration Endurance	4kV (IEC 61000-4-2)								
	Rating	19.6m/s² : 10 to 25Hz applied in X, Y, and Z directions for 30 minutes each (4.9m/s² when using HDD unit, 9.8m/s² when using FDD)								
Structural	Weight	Equivalent to IP65f (JEM1030)** NEMA#250 Type4x12 equivalent protection								
	External Dimensions (excluding projections)	Approx. 9.5 kg (20.9 lb)		Approx. 10.5 kg (23.1 lb)		Approx. 8.5 kg (18.7 lb)		Approx. 9.5 kg (20.9 lb)		
	Dimensions Including Full-sized Cover (excluding projections)	W374mm [14.72 in.] x H325mm [12.80 in.] x D134mm[5.27 in.]		W374mm [14.72 in.] x H325mm [12.80 in.] x D180mm[7.09 in.]		W346mm [13.62 in.] x H287mm [11.30 in.] x D123mm[4.84 in.]		W346mm [13.62 in.] x H287mm [11.30 in.] x D134mm[6.69 in.]		
	W422mm [16.61 in.] x H325mm [12.80 in.] x D134mm[5.27 in.]		W422mm [16.61 in.] x H325mm [12.80 in.] x D180mm[7.09 in.]		W393mm [15.47 in.] x H287mm [11.30 in.] x D123mm[4.84 in.]		W393mm [15.47 in.] x H287mm [11.30 in.] x D170mm[6.69 in.]			

*2. When installing the PL in a cabinet or enclosure, the term "ambient operation temperature" indicates the cabinet or enclosure's internal temperature.

*3. If cooling fan in the inside of PL is removed.

*4. Meets IP65f testing requirements, however, operation is not guaranteed in every environment.

*5. Prior to installing a full-sized board and the PL's full-sized cover (PL-FC200/PL-FC210), be sure that the PL is installed in its attachment panel/cabinet.

Due to dimension differences, a full sized expansion board and PL's full-sized cover can not be attached prior to installing the PL into a panel.

Expansion Slots

	PL7921-T41(2-slot type) PL6921-T41(2-slot type)	PL7921-T42(2-slot type) PL6921-T42(2-slot type)	PL7920-T41(4-slot type) PL6920-T41(4-slot type)	PL7920-T42(4-slot type) PL6920-T42(4-slot type)	Board Size
1st slot	ISA				163x122(mm)
2nd slot	PCI/ISA				
3rd slot	None				
4th slot	None				
Power Supply	5V:2A,12V:0.5A(total for 2 slots)		5V:1A,12V:0.5A(total for 2 slots)		5V:4A,12V:1A(total for 4 slots) 5V:3.5A,12V:1A(total for 4 slots)
When using -5V, -12V Power Supply Unit (optional)	-5V:0.2A,-12V:0.2A(total for 2 slots)		-5V:0.2A,-12V:0.2A(total for 2 slots)		-5V:0.2A,-12V:0.2A(total for 4 slots)

Specifications

Performance Specifications

		Specifications			
Model		PL5900-T12	PL5901-T12	PL5900-T42-24V	PL5901-T42-24V
Supported OS		Windows®98 SE/ Windows NT® 4.0/ Windows® 2000			
CPU		AMD K6®-III E+ 500MHz			
Main Memory		SDRAM 64MB Standard (DIMM sockets x 2: 256MB max.)			
BIOS		AWARD BIOS			
Secondary Cache Memory		256KB (built-in)			
Graphics		VGA (640 x 480 pixels)			
Video Memory		2~64MB (UMA type)			
Display	Type	10.4 inch TFT Color LCD			
	Display Colors	64,000 Colors			
	Pixel Density	640 x 480 pixels			
	Effective Display Area	W211.2mm x H158.4mm			
	Backlight	CCFL (Replaceable)			
Touch Panel	Type	Resistive Film (Analog)			
	Resolution	1024 x 1024			
Interfaces	Serial	RS-232C(w/FIFO) ———— <ul style="list-style-type: none"> COM1 D-Sub 9 pin (male) COM2 D-Sub 9 pin (male)(RI/+5V switch poss.)*1 COM3 D-Sub 9pin male(RI/+5V switch poss.)*1 			
	Printer	Centronics Standard (ECP/EPP equivalent) D-sub 25 pin, female			
	USB	front 1Port/ side 1Port (USB 1.0 Compatible)*2			
	LAN	10BASE-T/ 100BASE-TX Auto Change 1Port			
	Keyboard	PS/2 Interface (mini DIN 6 pin, female)			
	Mouse	PS/2 Interface (mini DIN 6 pin, female)			
	Disk I/F	FDD Unit: Front Access/ 2 modes/ 3.5 inch FD E-IDE I/F: 2.5 inch HDD I/F(PL-5900T: 2 slots, PL-5901T: 1 slot)			
	RAS	RAS Interface (D-sub 25 pin, male)			

*1. Compatible with RS-232C/422/485 switching unit.

*2. MS-DOS® and Windows®95 OSR2 do not support this function. This feature cannot be used if those OS types are installed in the PL.

General Specifications

		Specifications			
Model		PL5900-T12	PL5901-T12	PL5900-T42-24V	PL5901-T42-24V
Electrical	Rated Voltage(Rated Frequency)	AC100V (50/60Hz)		DC24V	
	Power Consumption	150VA or less	110VA or less	100W or less	80W or less
	Allowable Pause Duration	1cycle or less (however, pause occurrences must be more than 1second apart)		10ms or less (however, pause occurrences must be more than 1second apart)	
	Voltage Endurance	AC1500V 20mA for 1 minute(between charging and FG terminals)		AC1000V 20mA for 1minute (between charging and FG terminals)	
	Insulation Resistance	10MΩ or higher at DC500V (between charging and FG terminals)			
Environment	Ambient Operating Temperature*3	0°C to 45°C (with HDD attached: 5°C to 45°C)			
	Storage Humidity	10%RH to 85%RH			
	Storage Temperature	-10~+60°C			
	Ambient Humidity	10%RH to 85%RH			
	Corrosive Gases	Free of corrosive gases			
	Noise Endurance (Impulse Noise)	Noise Voltage: 1500Vp-p Pulse Width: 50ns, 500ns, 1 μs Rise Time: 1ns			
	Grounding	Protective grounding: D-Type grounding, Function grounding: D-type grounding			
	Electrostatic Discharge Immunity	6kV (IEC 61000-4-2)			
Structural	Vibration Endurance	19.6m/s ² at 10Hz to 25Hz in X, Y, Z directions for 30minutes (With HDD attached: 4.9m/s ² , With FD unit attached: 9.8m/s ²)			
	Rating	Equivalent to IP65f (JEM1030)** NEMA#250 Type4x/12 equivalent protection			
	Weight	Approx. 6.0kg (13.2 lb)	Approx. 5.5kg (12.1 lb)	Approx. 6.0kg (13.2 lb)	Approx. 5.5kg (12.1 lb)
	External Dimensions (excluding projections)	W311mm [12.99 in.] x H271mm [10.76 in.] x D130mm [10.76 in.]	W311mm [12.99 in.] x H271mm [10.76 in.] x D93mm [4.75 in.]**5	W311mm [12.99 in.] x H271mm [10.76 in.] x D130mm [10.76 in.]	W311mm [12.99 in.] x H271mm [10.76 in.] x D93mm [4.75 in.]**5

*3. When installing the PL in a cabinet or enclosure, the term "ambient operating temperature" indicates the cabinet or enclosure's internal temperature.

*4. Meets IP65f testing requirements, however, operation is not guaranteed in every environment.

*5. Compatible with RS-232C/485 switching unit.

Expansion Slots

	PL-5901T(1-slot type)	PL-5900T(3-slot type)	Board Size
1st slot	PCI/ISA	PCI/ISA	180 x 122 mm 210 x 122 mm<PL5901/ISA type expansion board can be used.>
2nd slot	None	PCI/ISA	
3rd slot	None	ISA	
Power Supply	3.3V:1A 5V:1A 12V:0.5A -5V:0.1A -12V:0.1A	3.3V:1A 5V:3A 12V:0.6A -5V:0.1A -12V:0.1A (total for 3 slots)	210 x 122 mm

Specifications

Note: Specifications for PS3700A-T41-ASU-P41 are provisional. Specifications are subject to change without notice.

Performance Specifications

		Specifications			
Model		PS3700A-T41-ASU-P41	PS3700A-T41-ASU-E66	PS3701A-T41-DU-E66	
Supported OS		Windows®2000/ Windows®XP			
CPU		Pentium®4-M 1.7GHz / Eden™ ESP6000 667MHz			
BIOS		Phoenix First BIOS / Phoenix Award BIOS			
Main Memory		DDR256MB/ 512MB (DIMM Socket x 1 512MB max.) / SDRAM 128MB/256MB (DIMM Socket x 1 256MB max.)			
Graphics		XGA (1024 x 768 pixels)			
Video Memory		64MB max (UMA Type) / 8-32MB max (UMA Type)			
Display Functions	Type	15inch TFT Color LCD			
	Display Colors	16,777,216 Colors			
	Effective Display Area	304.1 x 228.1mm			
	Backlight's Life Span	CFL (Replaceable)			
Touch Panel	Type	Resistive Film (Analog)			
	Resolution	1024 x 1024			
Interfaces	Serial				
	Printer		Complies with Centronics Standards (ECP/SPP/EPP equivalent) (D-Sub 25 pin, female)		
	USB		front 1 port, rear 2 port		
	LAN		10 Base-T/100 Base-TX auto change to rear 1 port		
	Keyboard		PS/2 Interface (mini DIN 6 pin, female) rear 1 port		
	Mouse		PS/2 Interface (mini DIN 6 pin, female) rear 1 port		
	Disk	IDE I/F	Master	2.5inch HDD I/F	
			Slave	CF Card I/F (not hot-swappable)	
	PCMCIA		Type II (side 2 ports)		
	Sound		LINE IN, SPEAKER OUT, MIC IN (rear 3 ports) (using mini-jack connector)	SPEAKER OUT rear 1 port (using mini-jack connector)	
	Floppy Disk Drive		2-mode 3.5 inch floppy disk drive (Side access)		
	CD-ROM Drive		IDE-Type CD-ROM Drive (Connected to IDE secondary) (Side access)		CD-ROM Drive I/F rear 1 port

General Specifications

		Specifications		
Model		PS3700A-T41-ASU-P41	PS3700A-T41-ASU-E66	PS3701A-T41-DU-E66
Electrical	Rated Voltage (Rated Frequency)	AC100V / AC240V (50/60Hz)		DC24V
	Power Consumption	150VA or less	120VA or less	90W or less
	Allowable Voltage Drop	1cycle or less (pause occurrences must be more than 1 second apart)		5ms or less
	Voltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)		AC1000V 20mA for 1 minute (between charging and FG terminals)
	Insulation Resistance	10MΩ or higher at DC500V (between charging and FG terminals)		
Environment	Ambient Operating Temperature	5°C to 50°C (When Using HDD) 0°C to 50°C (When NOT Using HDD)		5°C to 40°C (When Using HDD) 0°C to 40°C (When NOT Using HDD)
	Ambient Humidity	10%RH to 85%RH (No condensing, wet bulb temperature: 29°C or less)		
	Storage Temperature	-10°C to + 60°C		
	Storage Humidity	10%RH to 85%RH (No condensing, wet bulb temperature: 29°C or less)		
	Corrosive Gases	Free of corrosive gases		
	Noise Immunity (Impulse Noise)	Noise Voltage: 1500Vp-p (via noise simulator) Pulse Duration: 50ns, 500ns, 1μs Rise Time: 1ns		
	Grounding	Protective grounding: D-Type grounding, Function grounding: D-type grounding		
Structural	Electrostatic Discharge Immunity	4kV (IEC 61000-4-2)		
	Vibration Resistance	When using HDD	4.9m/s² at 10Hz to 25Hz in X, Y, Z directions for 30 minutes	
		When NOT using HDD	9.8m/s² at 10Hz to 25Hz in X, Y, Z directions for 30 minutes	19.6m/s² at 10Hz to 25Hz in X, Y, Z directions for 30 minutes
Ratings*1	Equivalent to IP65f (JEM 1030) NEMA#250 Type4x/12 equivalent protection (When Not Using front-face USB Port unit)*1			
Weight	Approx. 8.0kg (17.6lb)		Approx. 6.0kg (13.2lb)	
Dimensions (W x H x D)	395mm [15.55in.] x 294mm [11.57in.] x 100mm [3.94in.]		395mm [15.55in.] x 294mm [11.57in.] x 60mm [2.36in.]	

*1. Meets IP65f testing requirements, however, operation is not guaranteed in every environment.

Expansion Slots

	PS3700A-T41-ASU-P41	PS3700A-T41-ASU-E66	Board Size
1st slot	PCI 2.2 (5V)		240x106.68mm
Power Supply Capacity : Power Consumption	DC5V:1.5A, DC12V:0.5A, DC-12V:0.1A, DC3.3V:0.5A		—

Specifications

Performance Specifications

		Specifications	
Model		PS600G-T41-E124V	PS400G-T41-E124V
CPU		200MHz SH4	
Supported OS		Windows®CE 3.0	
Memory		32MB	
Graphics		SVGA (800 x 600 pixels)	VGA (640 x 480 pixels)
Display	Type	TFT Color LCD	
	Display Colors	64,000 Color	
	Backlight	CCFL (Replaceable)	
	Resolution	800 x 600 pixels	640 x 480 pixels
	Effective Display Area	246mm x 184.5mm	149.7mm x 112.3mm
	Brightness control	4 levels via touch panel	
Touch Panel	Resolution	1024 x 1024	
	Type	Resistive Film (analog)	
Interfaces	Serial	Serial interface (COM1/COM2) Dsub 9-pin plug-type connector	
	Printer	Complies with Centronics Standards Dsub 25-pin socket-type connector	Complies with Centronics Standards Narrow pitch 20-pin connector
	Keyboard/Mouse	KEYBOARD/MOUSE PS/2 compatible Mini DIN 6-pin connector	
	LAN	10Base-T	
	Memory Card	CF Card 1 slot	
	USB	bottom 1 port*1	rear 1 port*1
	RAS	Dsub 15-pin socket-type connector	
	IrDA	Supports SIR IrDA V1.0	—
	Sound	Sound output terminal block provides Mono: Speaker Output: Sound Line Output: Recommended wiring	

*1. USB specifications may restrict usage in some cases. Please inquire regarding your specific needs.

General Specifications

		Specifications	
Model		PS600G-T41-E124V	PS400G-T41-E124V
Electrical	Input Voltage	DC24V	
	Power Consumption	50W or less	28W or less
	Allowable Voltage Drop	10 ms or less	
	Voltage Endurance	AC1000V, 20mA for 1 minute (between charging and FG terminals)	
	Insulation Resistance	10MΩ or more at DC500V (between charging and FG terminals)	
Environmental	Ambient Operating Temperature Panel interior and Panel face	0°C to 50°C*1	
	Storage Temperature	-20°C to +60°C	
	Ambient Humidity	10%RH to 90%RH (non-condensing, dry bulb temperature : 39°C or less)	
	Storage Humidity	10%RH to 90%RH (non-condensing, dry bulb temperature : 39°C or less)	
	Dust	0.1mg/m ³ or less (Non-conductive particles)	
	Vibration Resistance	IEC61131-2 (JIS B 3501) compliant When vibration is NOT continuous 10Hz to 57Hz 0.075mm, 57Hz to 150Hz 9.8m/s ² When vibration is continuous 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s ² X,Y,Z directions for 10times (80min.)	
	Noise Immunity (via noise simulator)	Noise Voltage: 1500 Vp-p Pulse Duration: 1x10 ⁻⁶ sec. Rise Time: 1ns	
	Electrostatic Discharge Immunity	Contact Discharge 6kV (IEC 61000-4-2)	
	Atmosphere	Free of corrosive gases	
	Grounding	Protective grounding: D-Type grounding, Function grounding: D-type grounding	
Structural	Ratings*2	Equivalent to IP65f (JEM 1030)*2 NEMA#250 Type4x/12 equivalent protection	
	Dimensions (W x H x D)	317mm [12.48in.] x 243mm [9.57in.] x 58mm [2.28in.]	215mm [8.46in.] x 170mm [6.69in.] x 60mm [2.36in.]
	Weight	Approx. 3.5kg [7.7lb]	Approx. 1.7kg [3.7lb]

*1. If the PS-G's operating temperature exceeds 40°C for an extended period of time, the display quality, such as the contrast, etc., may degrade. If, however, the operating temperature is reduced to 40°C or lower, the display quality will return to normal.

*2. Meets IP65f testing requirements, however, operation is not guaranteed in every environment.

Specifications

Performance Specifications

		Specifications
Model		PS2000B-41
Supported OS		Windows®2000/ Windows®XP
CPU		Celeron 566 MHz/Pentium®III 1GHz(BUS 100MHz) (Intel)
Main Memory		SDRAM:128 MB/256 MB (DIMM Socket x 1: 256 MB max.)*1
BIOS		Phoenix First BIOS
SecondaryCache Memory		Builtin to CPU (Celeron:128 KB,PentiumIII:256KB)
Graphics*2		VGA (640 x 480 pixels) to UXGA (1600 x 1200 pixels)
Video Memory		32 MB fixed (UMAtype)
Interfaces	Serial	RS232C — COM1 D-sub 9 pin (male),(RI/+5 Vselectable)*3 COM2 D-sub 9 pin (male) COM3 D-sub 9 pin (male),(RI/+5 Vselectable)*3 COM4 D-sub 9 pin (male)
	USB	Frontface:4 ports
	LAN	10 Base-T/100 Base-TX automatic changeover Frontface: 2ports
	Keyboard	PS/2 I/F (Mini-DIN 6pin,female),Frontface:1port
	Mouse	PS/2 I/F (Mini-DIN 6pin,female),Frontface:1port
	Disk Drives	FD I/F - For 2-mode 3.5inch floppydisk I/F Internal: 1port (for Digital Electronics Corporation's CD-ROM/FD drive unit) IDE I/F - For secondaryCD-ROM I/F Internal: 1port (for Digital Electronics Corporation's CD-ROM/FD drive unit)
	Video I/F	Analog RGB I/F, Digital Visual I/F (To attach Standard Display - under development)*4
	RAS	RAS I/F (D-sub 25pin,male) Frontface:1port
	Sound	LINE IN,SPEAKER OUT,MIC IN(Standard type AUDIO jack)
	Other I/F	CD-ROM/FD Drive (Optional)

*1. Please contact a sales representative regarding applications requiring 512MB of memory.

*2. Up to 256 colors with 1600 x 1200 resolution.

*3. RS-232C/422/485 compatibility with optional unit.

*4. Screen size will be Pre-determined according to display performance when using DVI-D I/F.

General Specifications

		Specifications
Model		PS2000B-41
Electrical	Rated Voltage (Rated Frequency)	AC100V/AC240V (50/60Hz)
	Power Consumption	110VA or less
	Allowable Voltage Drop	1cycle max. (Note: Intervals between instantaneous outage should be 1s or longer.)
	Insulation Endurance	AC1500V, 20mA for 1 minute (Between the charging and FG terminals)
	Insulation Resistance	10MΩmin. at DC 500V (Between the charging and FG terminals)
Environmental	AmbientTemperature (Interior)	5 to 50°C (With HDD), 0 to 50°C (Without HDD)
	Relative Humidity	10 to 85%RH (No condensation,wet-bulb temperature of 29°Cmax.)
	Storage Temperature	-10 to +60°C
	Storage Humidity	10 to 85%RH (No condensation,wet-bulb temperature of 29°C max.)
	Corrosive Gas	No corrosive gas should be present.
	Noise Resistance (Impulse Noise)	Noise Voltage:1500Vp-p Pulse Width:50ns,500 ns,1μs Rise Time:1 ns (By noise simulator)
	Grounding	Protective grounding: D-type grounding, Functional grounding: D-type grounding
	Antistatic Charge	6 kV (IEC 61000-4-2)
	Vibration Resistance	9.8 m/s ² (10 to 25 Hz,withstands for 30 minutes in X/Y/Z directions) With HDD attached:4.9 m/s ²
Structural	Weight	Approx. 4.5 kg (9.9lb) (Main unit only)
	Dimensions (W x H x D)	118mm [4.65in.] x 265mm [10.43in.] x 299mm [11.77in.] (Not including projections)
	With CD-ROM/FD Drive unit attached	159mm [6.26in.] x 265mm [10.43in.] x 299mm [11.77in.] (Not including projections)

Expansion Slots

	PS2000B-41	Board Size
1st slot	PCI	220 x 106.68 mm
2nd slot		245 x 106.68 mm
3rd slot		
Power supply capacity	5V:3A,+3.3V: 0.75A, 12V: 0.75A, -12V: 0.1A (Total of three slots)	—

Specifications

Functional Specifications

		Specifications		
Model		FP2500-T42-24V	FP2600-T42-24V	FP3700-T41
Display Unit		10.4inch TFT VGA	12.1inch TFT SVGA	15inch TFT XGA
Graphics		VGA (640 x 480 pixels)	SVGA (800 x 600 pixels)	XGA (1024 x 768 pixels)
Effective Display Area		211.2 (W) x 158.4 (H) mm	246.0 (W) x 184.5 (H) mm	304.1 (W) x 228.1(H) mm
Display colors		262,144 colors		16,777,216 colors
Contrast Control		Available (Analog RGB only)(when using analog RGB connection)		
Backlight		CCFL (Replaceable)		
Touch Panel	Type	Resistive Film (Analog)		
	Resolution	1024 x 1024		
Interfaces	Video	Analog RGB Interface or DVI-D Interface		
	Touch Panel	Serial Interface (RS-232C) or USB Interface		

General Specifications

		Specifications		
Model		FP2500-T42-24V	FP2600-T42-24V	FP3700-T41
Electrical	Rated Voltage (Rated Frequency)	DC24V		AC 100Vto AC 240V (50/60 Hz)
	Power Consumption	50W or less		120VA
	Allowable Voltage Drop	10ms or less		20ms or less
	Voltage Endurance	AC1000V 20mA for 1minute (between charging and FG terminals)		AC1500V 20mA for 1minute (between charging and FG terminals)
Insulation Resistance		10MΩ or higher at DC500V (between charging and FG terminals)		
Environment	Ambient Operating Temperature*1	0°C to +50°C (the panel face should not incline more than 30°C)		
	Ambient Humidity	30%RH to 90%RH		
	Storage Temperature	-10°C to +60°C		
	Storage Humidity	30%RH to 90%RH		
	Corrosive Gases	Free of corrosive gasses		
	Noise Immunity (via noise emulator)	Noise Voltage:1,000Vp-p Pulse Duration: 1μs, 500ns, 50ns Rise Time: 1ns		Noise Voltage:1,500Vp-p Pulse Duration: 1μs, 500ns, 50ns Rise Time: 1ns
	Grounding	Protective grounding: D-Type grounding, Function grounding: D-type grounding		
Structural	Electrostatic Discharge Immunity	4kV (complies with IEC 61000-4-2 Level 3)		
	Vibration Resistance	10Hz to 25Hz 4.9m/s ² X,Y,Z directions (30min.)		
	Ratings*2	Equivalent to IP65f (JEM 1030)*2 NEMA#250 Type4x12 equivalent protection		
	Weight	Approx. 3.5kg (7.7lb)		Approx. 7kg (15.4lb)
External Dimensions		317mm [12.48in.] x 243mm [9.57in.] x 58mm [2.28in.]		395mm [15.55in.] x 294mm [11.57in.] x 60mm [2.36in.]

*1. When installing the FP in a cabinet or enclosure, the term "ambient operation temperature" indicates the cabinet or enclosure's internal temperature.

*2. Meets IP65f testing requirements, however, operation, is not guaranteed in every environment.

Interface Specifications

		Specifications	
		Analog RGB	DVI-D
Input signal characteristic		Image signal:analog RGB Synchronous signal: TTL level,negative true or positive true Scanning type:non-interlaced	DVI-D
Setting via OSD (On Screen Display)		CONTRAST, BRIGHTNESS, H-POS, V-POS OSD H-POSITION, PHASE, BACKLIGHT DEFAULT (ALL CLEAR)	H-POS, V-POS, BACKLIGHT DEFAULT (ALL CLEAR)

The number of dots (pixels) displayed are as follows											
VGA (FP-2500T)				SVGA (FP-2600T)				XGA (FP-3700T)			
Size	H Sync.	V Sync.	Dot Clock	Size	H Sync.	V Sync.	Dot Clock	Size	H Sync.	V Sync.	Dot Clock
640 x 350	31.469KHz	70.000Hz	25.175MHz	640 x 350	31.469KHz	70.000Hz	25.175MHz	640 x 400	24.827kHz	56.000Hz	21.053MHz
640 x 400	31.469KHz	70.000Hz	25.175MHz	640 x 400	31.469KHz	70.000Hz	25.175MHz	640 x 400	31.469kHz	70.000Hz	25.175MHz
640 x 400	24.827KHz	56.420Hz	21.053MHz	640 x 400	24.827KHz	56.420Hz	21.053MHz	640 x 480	31.469kHz	59.992Hz	25.175MHz
640 x 480	31.469KHz	59.992Hz	25.175MHz	640 x 480	31.469KHz	59.992Hz	25.175MHz	640 x 480	37.500kHz	75.000Hz	31.500MHz
720 x 350	31.469KHz	70.000Hz	28.320MHz	640 x 480	35.000KHz	66.670Hz	30.240MHz	640 x 480	35.000kHz	66.667Hz	30.240MHz
720 x 400	31.469KHz	70.000Hz	28.320MHz	640 x 480	37.861KHz	72.810Hz	31.500MHz	720 x 400	31.469kHz	70.000Hz	28.320MHz
				720 x 350	31.469KHz	70.000Hz	28.320MHz	800 x 600	37.879kHz	60.317Hz	40.000MHz
				720 x 400	31.469KHz	70.000Hz	28.320MHz	800 x 600	46.875kHz	75.000Hz	49.500MHz
				800 x 600	35.156KHz	56.250Hz	36.000MHz	1024 x 768	48.363kHz	60.004Hz	65.000MHz
				800 x 600	37.879KHz	60.317Hz	40.000MHz	1024 x 768	56.476kHz	70.069Hz	75.000MHz
								1024 x 768	60.023kHz	75.029Hz	78.750MHz

PS SERIES Type A						
Product Name		Model	PS-3700A Pentium®4-M	PS-3700A Eden™ ESP6000	PS-3701A Eden™ ESP6000	
Built-in Options*	1 DIM Module DDR <256MB>	PSA-DDR256-BLD	○			
	DIM Module DDR <512MB>	PSA-DDR512-BLD	○			
	DIM Module SDRAM <128MB>	PSA-SDR128-BLD		○	○	
	DIM Module SDRAM <256MB>	PSA-SDR256-BLD		○	○	
	HDD Unit*2	PSA-HD20-BLD	○	○	○	
	PS-3700A (Pentium4) Windows®2000 Multi Language Preinstalled HDD	PSA-HD20-W2K/ML-P4-BLD	○			
	PS-3700A (Eden 667MHz) Windows®2000 Multi Language Preinstalled HDD	PSA-HD20-W2K/ML-E6-BLD		○		
	PS-3701A(Eden 667MHz) Windows®2000 Multi Language Preinstalled HDD	PSS-HD20-W2K/ML-E6-BLD			○	
	3 CF Card	64M	CA3-CFCALL/64MB-01-BLD	○	○	○
		128M	CA3-CFCALL/128MB-01-BLD	○	○	○
256M		CA3-CFCALL/256MB-01-BLD	○	○	○	
512M		CA3-CFCALL/512MB-01-BLD	○	○	○	
Accessories	1 DIM Module DDR <512 MB>	PSA-DDR512	○			
	DIM Module SDRAM <256 MB>	PSA-SDR256		○	○	
	2 HDD Unit*2	PSA-HD20	○	○	○	
	3 CF Card	64M	CA3-CFCALL/64MB-01	○	○	○
		128M	CA3-CFCALL/128MB-01	○	○	○
		256M	CA3-CFCALL/256MB-01	○	○	○
		512M	CA3-CFCALL/512MB-01	○	○	○
	CD-ROM Drive Unit	PSS-CD01			○	
	Mouse Emulator V2	PL-TD000	○	○	○	
	Backlight	CA3-BLU15-01	○	○	○	
Installation Gasket	CA3-WPG15-01	○	○	○		
Screen Protection Sheet	CA3-DFS15-01	○	○	○		
Installation Fasteners	CA3-ATFALL-01	○	○	○		

*1. Shipped built-to-order. *2. Not installed with operating system.

PL SERIES								
Product Name		Model	PL-7921 2 Slots	PL-7920 4 Slots	PL-6921 2 Slots	PL-6920 4 Slots	PL-5901 1 Slot	PL-5900 3 Slots
Built-in Options*	1 DIM Module <64MB>	PL-EM500					○	○
	DIM Module <128MB>	PL-EM128	○	○	○	○		
	4 HDD Unit*1	PL-HD220	○	○	○	○	○	○
	Windows®2000 Multi Language Preinstalled HDD*2	PL-HDX920-W2K/ML	○	○	○	○		
	5 CF Card Unit	PL-CF200	○	○	○	○		
	6 FDD Unit (Front slot)	PL-FD500					○	○
	7 FDD Unit (Side slot)	PL-FD200						○
	8 FDD Unit (Front slot)	PL-FD210						○
	9 -5V/-12V Power Supply	PL-PW100					built-in	built-in
	1 DIM Module <64MB>	PL-EM500						○
1 DIM Module <128MB>	PL-EM128						○	
10 Full-Sized Board Cover (2-slots type)	PL-FC200						○	
Full-Sized Board Cover (4-slots type)	PL-FC210						○	
Software Mirroring Utility*4	PL-SM900	○	○	○	○	○	○	
Mouse Emulator V2*5	PL-TD000	○	○	○	○	○	○	
11 RS-232C/RS-485 Conversion Unit	PL-RC500	○	○	○	○	○	○	
3 CF Card	64M*6	CA3-CFCALL/64MB-01	○	○	○	○	○	○
	128M*6	CA3-CFCALL/128MB-01	○	○	○	○	○	○
	256M*6	CA3-CFCALL/256MB-01	○	○	○	○	○	○
	512M*6	CA3-CFCALL/512MB-01	○	○	○	○	○	○
	CD-ROM Unit	PSS-CD01	○	○	○	○		
	12 CD-ROM Unit	PL-DK200	○	○	○	○	○	○
	Mirror Disk Unit Replacement HDD	PL-MD200-MD01	○	○	○	○		
	Screen Protection Sheet <PL-5900>	PL-CS001					○	○
	Screen Protection Sheet <PL-X920>	PL-CS100	○	○	○	○		
	Glare Resistant Sheet	PL-NGS001					○	○
Installation Gasket	PL-WS500					○	○	
Installation Gasket	PL6900-WP00					○	○	
Installation Gasket	PL7900-WP00	○	○					
Backlight	GP577RT-BL00-MS					○	○	
Backlight	PL6920-BL00			○	○			
Backlight	PL7900-BL00-MS					○	○	
Installation Fasteners*7	GP070-AT01	○	○	○	○	○	○	

*1. Not installed with operating system.
 *2. English, German, French, Spanish and Italian support.
 *3. Operating system not pre-installed. Must be ordered together with PL-5900 series models.
 *4. Compatible only with Windows®2000.
 *5. Comes standard with pre-installed hard disk drive versions of the PL-5900, -6920 and -7920 series.
 *6. Requires CF card reader (PL-CF200).
 *7. Come standard with all models.

NOTE: Pre-installed hard disk drives and MS-DOS must be specified when ordering

PS SERIES Type B				
Product Name		Model	PS-2000B	
Built-in Options*	CPU Celeron 566MHz	PL-CPU566-BLD	○	
	CPU Pentium®III 1GHz	PL-CPU1G-BLD	○	
	1 DIM Module <128MB>	PL-EM128-BLD	○	
	DIM Module <256MB>*2	PL-EM256-BLD	○	
	13 HDD Unit*3	PSB-HD020-BLD	○	
	Windows®2000 Multi Language Preinstalled HDD	PSB-HD020-W2K/ML-BLD	○	
	14 CD-ROM/FD Drive Unit*2	PSB-CD/FD01-BLD	○	
	15 CF Card Unit*2	PSB-CFU01-BLD	○	
	Accessories	1 DIM Module <256MB>	PL-EM256	○
		13 HDD Unit*3	PSB-HD020	○
14 CD-ROM/FD Drive Unit		PSB-CD/FD01	○	
3 CF Card		64M	CA3-CFCALL/64MB-01	○
		128M	CA3-CFCALL/128MB-01	○
		256M	CA3-CFCALL/256MB-01	○
		512M	CA3-CFCALL/512MB-01	○
15 CF Card Unit		PSB-CFU01	○	
11 RS-232C/RS-485 Conversion Unit		PL-RC500	○	
Software Mirroring Utility		PL-SM900	○	
Installation Fasteners*4	PSB-AT01	○		

*1. Shipped built-to-order. Please verify model of choice on the specified order form.
 *2. Items listed in "Model" column can be purchased separately.
 Model numbers will differ with built-to-order models.
 *3. Optional maintenance product. Not pre-installed with operating system.
 *4. Comes standard with all models.

PS SERIES Type G				
Product Name		Model	PS-400G	PS-600G
Accessories	PS Series Type G Application Development Kit (ADK)	PSG-DK01	○	○
	16 Pin-jack Cable	GP077-SDAD10	○	○
	Printer Cable	PSM-PRCB00	○	○
	17 PCMCIA Unit	PSG-PCM00	○*1	○
	DIO Unit	PSG-XY08	○*1	○
	18 Rear Cover	CA1-RCVLRG-01		○
	19 Desktop Stand*2	CA1-STDLRG-01		○
	20 Wall Mount Adapter*2	CA1-WMALRG-01		○
	CF Card Adaptor*3	GP077-CFAD10	○	○
	3 CF Card	64M	CA3-CFCALL/64MB-01	○
128M		CA3-CFCALL/128MB-01	○	○
256M		CA3-CFCALL/256MB-01	○	○
512M		CA3-CFCALL/512MB-01	○	○
Maintenance Accessories		Screen Protection Sheet	PSL-DF00	
	Screen Protection Sheet	PS400-DF00	○	
	Installation Gasket	GP570-WP10-MS		○
	Installation Gasket	PS400-WP00-MS	○	
	Connector Cover	PS-BH00	○	○
	Backlight	PS600-BU00		○
	Backlight	PS400-BU00-MS	○	
Installation Fasteners*4	GP070-AT01	○	○	

*1. PCMCIA and DIO unit drivers cannot be used simultaneously.
 *2. Requires rear cover (CA1-RCVLRG-01).
 *3. Required when using CF card for application development on a PC with a PCMCIA interface.
 *4. Comes standard with all models.

FP SERIES						
Product Name		Model	FP-2500T	FP-2600T	FP-3700T	
Accessories	Mouse Emulator*1	PL-TD000	○	○	○	
	Analog RGB Cable	2.5m	FP-CV00	○	○	○
		5m	FP-CV01	○	○	○
		4.5m	FP-CV02-45	○	○	○
	RS-232C Cable	5m	FP61V-IS00-O	○	○	○
	USB Cable*2	5m	FP-US00	○	○	○
	DVI-D Cable	5m	FP-DV01-50	○	○	○
		10m	FP-DV01-100			○*3
	Cover Sheet		PSL-DF00	○	○	○
	Screen Protection Sheet		CA3-DFS15-01			○
Backlight	10.4 inch	GP577RT-BL00-MS	○			
	12.1 inch	PS600-BU00		○		
	15 inch	CA3-BLU15-01			○	
Rubber Gasket		GP570-WP10-MS	○	○		
Installation Fasteners		CA3-WPG15-01			○	
Installation Fasteners		GP070-AT01	○	○		
Installation Fasteners		CA3-ATFALL-01			○	

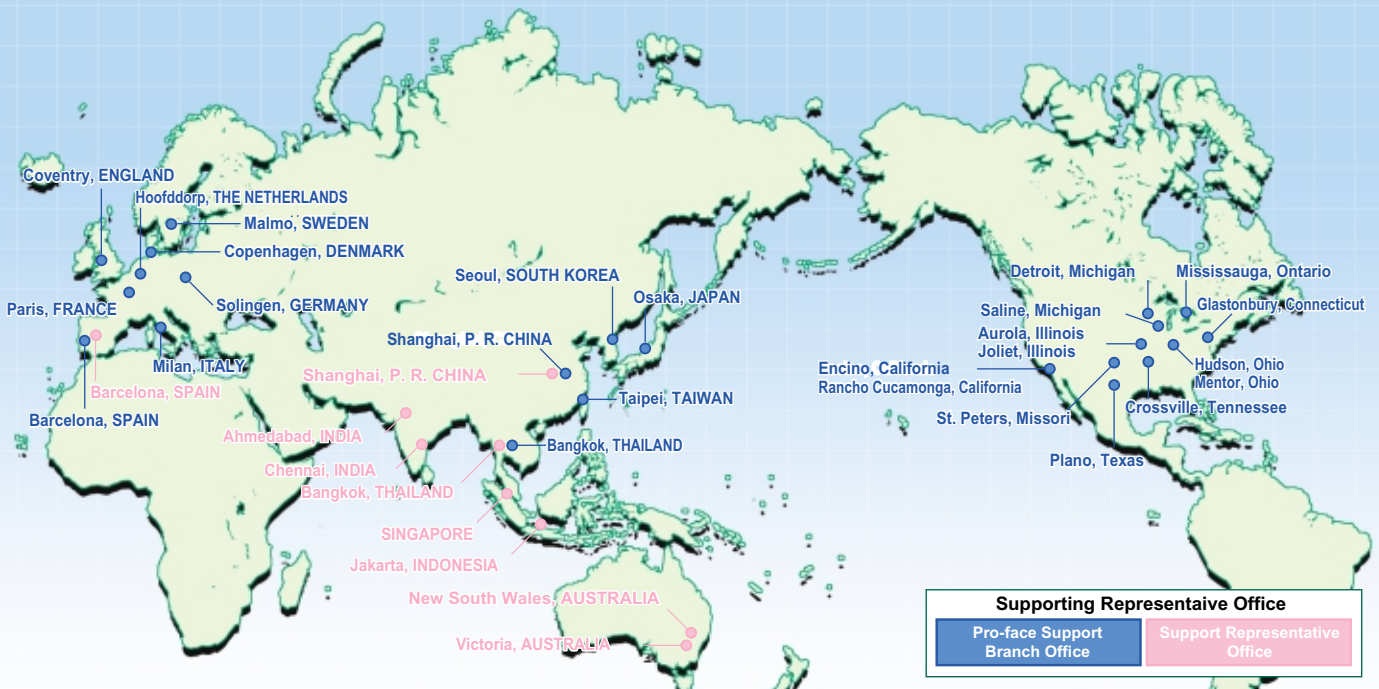
*1. Compatible only with Windows®95, Windows NT®, Windows®2000 and Windows®XP. *2. Compatible only with Windows®98, Windows®2000 and Windows®XP. *3. Compatible only when connected to PS-2000B.



Some products may appear different than pictured.

Smooth system integration of Pro-face products is assured with a total support network.

WORLDWIDE SUPPORT



Repair & Maintenance

Pro-face product repair services are offered at our service centers around the globe. Local service center staff and sales representatives are ready to provide assistance should you require it.

Please contact a local Pro-face service center or sales representative for details, as services offered may vary according to products handled.



Technical Support

Teams of Pro-face group engineers are standing by your door to answer your inquiries concerning technical aspects of Pro-face products.

Content of technical support offered will vary depending on the Pro-face service center or distributor to which inquiries are made.

ACCESS!!

www.pro-face.com

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Conformity with International Safety Standards

Pro-face products and component parts bearing the CE Mark and the UL or C-UL Listing and Recognized Component Marks are your guarantees of compliance with safety standards accepted in countries and regions worldwide.



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

Also, be sure that the panel's viewing angle is tilted no more than 30 degrees from parallel to the operator (i.e. directly in front).

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