

Easy! Smooth!

PL-79** Series

Replacement Guidebook

Preface

This guidebook introduces the procedures to replace your unit in the PL-79** series with the PL3000 or PS3000 series. The recommended replacement models are as follows:

Model in use	Replacement model
PL-79** Series	PL-3700T
	PS-371*A

Notations of operation systems:

Win95: Windows 95

WinNT: Windows NT Workstation 4.0

Win98: Windows 98 Second Edition

Win2000: Windows 2000 Professional

WinXP: Windows XP Professional

WinXPE: Windows XP Embedded

ML: Multilingual

Second Edition: July 2009

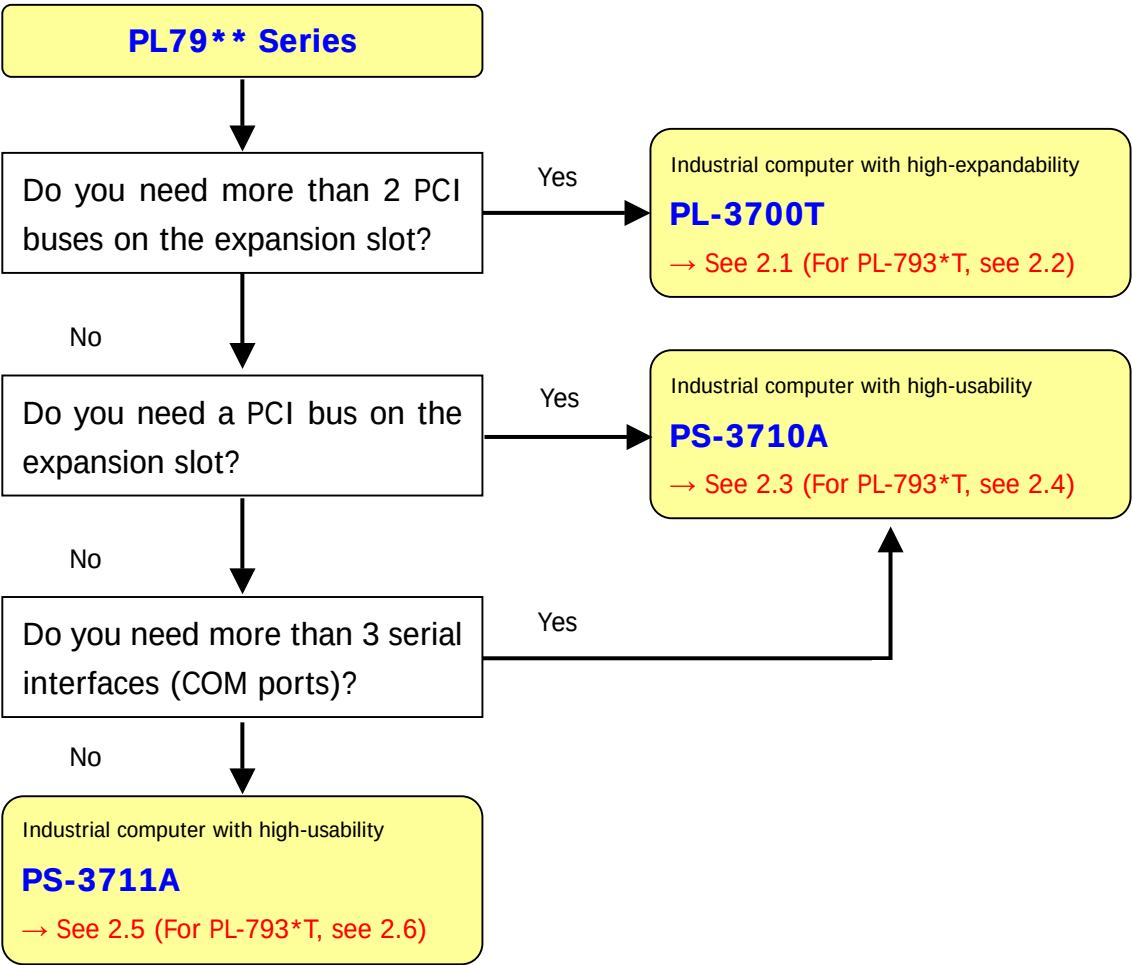
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Chapter 1. Replacement Models for PL79** Series

Find the model best suited to your environment with the following flow chart:



Chapter 2. Specification Comparison

2.1 Specifications of PL-790*T/PL-792*T and PL-3700T

			PL-790*/PL-792* Series	PL-3700T
CPU		PL-790*T	AMD-K6®-2 333MHz manufactured by AMD	UP! Intel® Core™ Duo 2.0GHz → See 3.2
		PL-792*T	Pentium III 700MHz/1GHz	
Main Memory		PL-790*T	2 slots (Max. 128MB)	UP! 2 slots (Max. 4GB) → See 3.3
		PL-792*T	2 slots (Max. 512MB)	
Graphics			XGA (1,024 × 768 pixels)	
Display Colors			65,536 colors	UP! 262,144 colors
Panel Cut Dimensions (mm [in.])			W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.]) * The number of slots is that of extension slots.		4 slots	W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7900T / 7920T)	NEW! W425 × H325 × D218 mm [16.73 × 12.80 × 8.58] → See 3.4
		2 slots	W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7901T / 7921T)	NEW! W425 × H325 × D166 mm [16.73 × 12.80 × 6.54] → See 3.4
Interface	Serial	COM1	RS-232C	UP! RS-232C/422/485 (RI/+5V changeover)
		COM2	RS-232C (PL-792*T: RI/+5V changeover)	UP! RS-232C (RI/+5V changeover)
		COM3	RS-232C (PL-792*T: RI/+5V changeover)	RS-232C
		COM4	No (Used for the mouse emulator)	NEW! RS-232C
	Printer		Centronics standard (SPP/ECP/EPP equivalent)	USB → See 3.6
	Keyboard		PS/2	USB → See 3.6
	Mouse		PS/2	USB → See 3.6

USB		USB 1.1 - 2 ports on the side - 1 port on front (PL-792*T only)	UP! USB 2.0 - 4 ports on the side, - 1 port on front
Ethernet	LAN1	10BASE-T/100BASE-TX (PL-792*T only)	UP! 10BASE-T/100BASE-TX /1000BASE-T
	LAN2	No	NEW! 10BASE-T/100BASE-TX
RAS		Yes	Yes → See 3.7
Disk	FDD	2 modes, 3.5" floppy disk - 1slot on front, - 1 slot on the side (Only PL-79*0T has front slot)	USB → See 3.6
	IDE	- 2.5" HDD unit × 1 - CD-ROM drive × 1	NEW! - CF card slot × 1 (Type I/II compatible) - DVD drive × 1
	Serial ATA	No	NEW! Serial ATA Rev.1.0a × 2 2.5" HDD unit or SSD unit → See 3.8
Sound		No	NEW! Speaker output
Video		No	NEW! DVI-I output → See 3.9
Expansion Slot	4 slots	ISA bus × 4 (PL-7900T/7920T) * For the 2 nd and 3 rd slots, either the PCI or the ISA type expansion bus can be used.	NEW! PCI (Rev.2.3) × 4 → See 3.10
	2 slots	ISA bus × 2 (PL-7901T/7921T) * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.	NEW! PCI (Rev.2.3) × 2 → See 3.10

2.2 Specifications of PL-793*T and PL-3700T

		PL-793*T	PL-3700T
CPU	PL793*-T4 1	Intel® Celeron® M 1.3GHz	UP! Intel® Core™ Duo 2.0GHz → See 3.2
	PL793*-T4 2	Intel® Pentium® M 1.6GHz, or Intel® Celeron® M 1.3GHz (Embedded optional items)	
Main Memory		1 slot (Max. 1GB)	UP! 2 slots (Max. 4GB) → See 3.3
Graphics		XGA (1,024 × 768 pixels)	
Display Colors		262,144 colors	
Panel Cut Dimensions (mm [in.])		W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.]) * The number of slots is that of extension slots.	4 slots	W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7930T)	NEW! W425 × H325 × D218 mm [16.73 × 12.80 × 8.58] → See 3.4
	2 slots	W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7931T)	NEW! W425 × H325 × D166 mm [16.73 × 12.80 × 6.54] → See 3.4
Interface	Serial	COM1	UP! RS-232C RS-232C/422/485 (RI/+5V changeover)
		COM2	RS-232C (RI/+5V changeover)
		COM3	RS-232C (RI/+5V changeover)
		COM4	RS-232C → See 3.5
	USB		UP! USB 2.0 - 2 ports on the side, - 1 port on front
	Ethernet	LAN1	UP! 10BASE-T/100BASE-TX /1000BASE-T
		LAN2	10BASE-T/100BASE-TX
	RAS		Yes → See 3.7

	Disk	IDE	- 2.5" HDD unit × 2 - CD-ROM drive × 1	NEW! - CF card slot × 1 (Type I/II compatible) - DVD drive × 1
		Serial ATA	No	NEW! Serial ATA Rev.1.0a × 2 2.5" HDD unit or SSD unit → See 3.8
	Sound		Speaker output, Line input, Microphone input	Speaker output
	Video		No	NEW! DVI-I output → See 3.9
	PCMCIA/Card Bus		- Type II - Card bus-compatible (Excluding zoomed video and sound functions)	No → See 3.11
Expansion Slot	4 slots	- PCI × 1 (PL-7930T) - ISA × 3 * For the 3 rd and 4 th slots, which are the ISA buses, either the PCI or the ISA type expansion bus can be used.		NEW! PCI (Rev.2.3) × 4 → See 3.10
	2 slots	- ISA × 2 (PL-7931T) * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.		NEW! PCI (Rev.2.3) × 2 → See 3.10

2.3 Specifications of PL-790*T/PL-792*T and PS-3710A

			PL-790*/PL-792* Series	PS-3710A
CPU		PL-790*T	AMD-K6®-2 333MHz manufactured by AMD	UP! Intel® Pentium® M 1.6GHz (Banias)
		PL-792*T	Pentium III 700MHz/1GHz	
Main Memory		PL-790*T	2 slots (Max. 128MB)	UP! 2 slots (Max. 2GB) → See 3.3
		PL-792*T	2 slots (Max. 512MB)	
Graphics			XGA (1,024 × 768 pixels)	
Display Colors			65,536 colors	UP! 262,144 colors
Panel Cut Dimensions (mm [in.])			W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.])			W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7900T / 7920T)	NEW! W395 × H294 × D100 mm [15.55 × 11.57 × 3.94] → See 3.4
			W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7901T / 7921T)	
Interface	Serial	COM1	RS-232C	UP! RS-232C (RI/+5V changeover)
		COM2	RS-232C (PL-792*T: RI/+5V changeover)	UP! RS-232C (RI/+5V changeover)
		COM3	RS-232C (PL-792*T: RI/+5V changeover)	UP! RS-232C/422/485 (RI/+5V changeover)
		COM4	No	NEW! RS-232C → See 3.5
	Printer		Centronics standard (SPP/ECP/EPP equivalent)	USB → See 3.6
	Keyboard		PS/2	
	Mouse		PS/2	USB → See 3.6
	USB		USB 1.1 - 2 ports on the side - 1 port on front (PL-792*T only)	UP! USB 2.0 - 1 port on front - 4 ports on the bottom

	Ethernet	LAN1	10BASE-T/100BASE-TX (PL-792*T only)	NEW! 10BASE-T/100BASE-TX
		LAN2	No	NEW! 10BASE-T/100BASE-TX /1000BASE-T
	RAS		Yes	Yes → See 3.7
	Disk	FDD	2 modes, 3.5" floppy disk	
		IDE	- 2.5" HDD unit × 1 - CD-ROM drive × 1	NEW! - 2.5" HDD unit × 1 - CF card unit × 1 - DVD-ROM drive × 1
	Sound		No	NEW! Speaker output, Line input, Microphone input
	PCMCIA/Card Bus		No	NEW! - Type II, III - Card bus-compatible (Excluding zoomed video and sound functions) - 2 ports on the side
Expansion Slot			ISA bus × 4 (PL-7900T/7920T) * For the 2 nd and 3 rd slots, either the PCI or the ISA type expansion bus can be used.	PCI (Rev.2.2) × 1 → See 3.10
			ISA bus × 2 (PL-7901T/7921T) * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.	

2.4 Specifications of PL-793*T and PS-3710A

			PL-793*T	PS-3710A
CPU	PL793*-T41		Intel® Celeron® M 1.3GHz	UP! Intel® Pentium® M 1.6GHz (Banias)
	PL793*-T42		Intel® Pentium® M 1.6GHz, or Intel® Celeron® M 1.3GHz (Embedded optional items)	
Main Memory			1 slot (Max. 1GB)	UP! 2 slots (Max. 2GB) → See 3.3
Graphics			XGA (1,024 × 768 pixels)	
Display Color			262,144 colors	
Panel Cut Dimensions (mm [in.])			W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.])			W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7930T)	NEW! W395 × H294 × D100 mm [15.55 × 11.57 × 3.94] → See 3.4
			W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7931T)	
Interface	Serial	COM1	RS-232C	UP! RS-232C (RI/+5V changeover)
		COM2	RS-232C (RI/+5V changeover)	RS-232C (RI/+5V changeover)
		COM3	RS-232C (RI/+5V changeover)	UP! RS-232C/422/485 (RI/+5V changeover)
		COM4	RS-232C → See 3.5	
	Keyboard		No	NEW! PS/2
	USB		USB 2.0 - 2 ports on the side, - 1 port on front	UP! USB 2.0 - 1 port on front - 4 ports on the bottom
	Ethernet	LAN1	10BASE-T/100BASE-TX	
		LAN2	10BASE-T/100BASE-TX	UP! 10BASE-T/100BASE-TX /1000BASE-T
	RAS		Yes	Yes → See 3.7
	Disk	FDD	No	NEW! 2 modes, 3.5" floppy disk

		IDE	- 2.5" HDD unit × 2 - CD-ROM drive × 1	NEW! - 2.5" HDD unit × 1 - CF card unit × 1 - DVD-ROM drive × 1
	Sound		Speaker output, Line input, Microphone input	
	PCMCIA/Card Bus		- Type II - Card bus-compatible (Excluding zoomed video and sound functions)	UP! - Type II, III - Card bus-compatible (Excluding zoomed video and sound functions) - 2 ports on the side
Expansion Slot			- PCI × 1 (PL-7930T) - ISA × 3 * For the 3 rd and 4 th slots, which are the ISA buses, either the PCI or the ISA type expansion bus can be used.	PCI (Rev.2.2) × 1 → See 3.10
			- ISA × 2 (PL-7931T) * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.	

2.5 Specifications of PL-790*T/PL-792*T and PS-3711A

			PL-790*/PL-792* Series	PS-3711A
CPU	PL-790*T	AMD-K6®-2 333MHz manufactured by AMD		UP! Intel® ULV Celeron® M 1GHz
	PL-792*T	Pentium III 700MHz/1GHz		
Main Memory	PL-790*T	2 slots (Max. 128MB)		UP! 1 slot (Max. 1GB) → See 3.3
	PL-792*T	2 slots (Max. 512MB)		
Graphics			XGA (1,024 × 768 pixels)	
Display Colors			65,536 colors	UP! 262,144 colors
Panel Cut Dimensions (mm [in.])			W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.])			W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7900T / 7920T)	NEW! W395 × H294 × D60 mm [15.55 × 11.57 × 2.36] → See 3.4
			W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7901T / 7921T)	
Interface	Serial	COM1	RS-232C	UP! RS-232C (RI/+5V changeover)
		COM2	RS-232C (PL-792*T: RI/+5V changeover)	UP! RS-232C/422/485 (RI/+5V changeover)
		COM3	RS-232C (PL-792*T: RI/+5V changeover)	USB → See 3.6
	Printer		Centronics standard (SPP/ECP/EPP equivalent)	USB → See 3.6
	Keyboard		PS/2	
	Mouse		PS/2	USB → See 3.6
	USB		USB 1.1 - 2 ports on the side - 1 port on front (PL-792*T only)	UP! USB 2.0 - 1 port on front - 4 ports on the bottom
	Ethernet	LAN1	10BASE-T/100BASE-TX (PL-792*T only)	NEW! 10BASE-T/100BASE-TX

		LAN2	No	NEW! 10BASE-T/100BASE-TX /1000BASE-T
	RAS		Yes	Yes → See 3.7
	Disk	FDD	2 modes, 3.5" floppy disk	USB → See 3.6
		IDE	- 2.5" HDD unit × 1 - CD-ROM drive × 1	NEW! - 2.5" HDD unit × 1 - CF card unit × 1 - DVD-ROM drive × 1
	Sound		No	NEW! Speaker output
	PCMCIA/Card Bus		No	NEW! - Type II, III - Card bus-compatible (Excluding zoomed video and sound functions) - 2 ports on the side
Expansion Slot			ISA bus × 4 (PL-7900T/7920T) * For the 2 nd and 3 rd slots, either the PCI or the ISA type expansion bus can be used.	No
			ISA bus × 2 (PL-7901T/7921T) * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.	

2.6 Specifications of PL-793*T and PS-3711A

			PL-793*T	PS-3711A
CPU	PL793*-T41		Intel® Celeron® M 1.3GHz	UP! Intel® ULV Celeron® M 1GHz
	PL793*-T42		Intel® Pentium® M 1.6GHz, or Intel® Celeron® M 1.3GHz (Embedded optional items)	
Main Memory			1 slot (Max. 1GB) → See 3.3	
Graphics			XGA (1,024 × 768 pixels)	
Display Colors			262,144 colors	
Panel Cut Dimensions (mm [in.])			W360 × H311 [14.17 × 12.24]	NEW! W383.5 × H282.5 [15.1 × 11.12] → See 3.4
External Dimensions (mm [in.])			W374 × H325 × D180 mm [14.72 × 12.80 × 7.09] (PL-7930T)	NEW! W395 × H294 × D60 mm [15.55 × 11.57 × 2.36] → See 3.4
			W374 × H325 × D134 mm [14.72 × 12.80 × 5.28] (PL-7931T)	
Interface	Serial	COM1	RS-232C	UP! RS-232C (RI/+5V changeover)
		COM2	RS-232C (RI/+5V changeover)	UP! RS-232C/422/485 (RI/+5V changeover)
		COM3	RS-232C (RI/+5V changeover)	USB → See 3.6
		COM4	RS-232C	USB → See 3.6
	Keyboard		No	NEW! PS/2
	USB		USB 2.0 - 2 ports on the side, - 1 port on front	UP! USB 2.0 - 1 port on front - 4 ports on the bottom
	Ethernet	LAN1	10BASE-T/100BASE-TX	
		LAN2	10BASE-T/100BASE-TX	UP! 10BASE-T/100BASE-TX /1000BASE-T
	RAS		Yes	Yes → See 3.7

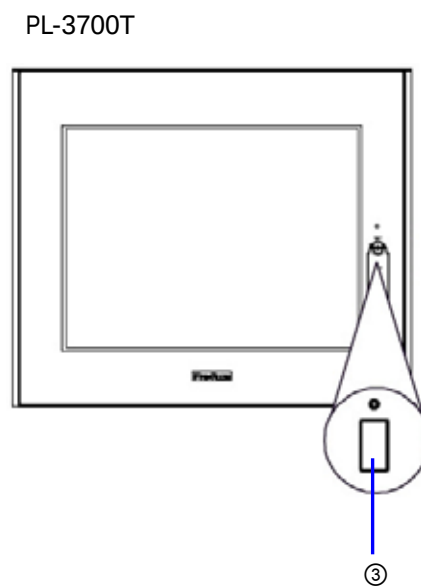
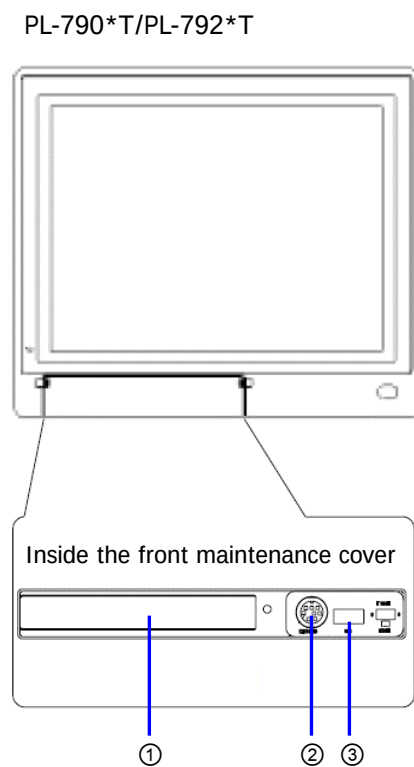
	Disk	IDE	- 2.5" HDD unit × 2 - CD-ROM drive × 1	NEW! - 2.5" HDD unit × 1 - CF card unit × 1 - DVD-ROM drive × 1
	Sound		Speaker output, Line input, Microphone input	Speaker output
	PCMCIA/Card Bus		- Type II - Card bus-compatible (Excluding zoomed video and sound functions)	UP! - Type II, III - Card bus-compatible (Excluding zoomed video and sound functions) - 2 ports on the side
Expansion Slot	PL-7930T		- PCI × 1 - ISA × 3 * For the 3 rd and 4 th slots, which are the ISA buses, either the PCI or the ISA type expansion bus can be used.	No
	PL-7931T		- ISA × 2 * For the 2 nd slot, either a PCI or ISA type expansion bus can be used.	

Chapter 3. Compatibility of Hardware

3.1 Locations of Interfaces

3.1.1 PL-790*T/PL-792*T and PL-3700T (2-slot type)

- ◆ Front faces of PL-790*T/PL-792*T and PL-3700T

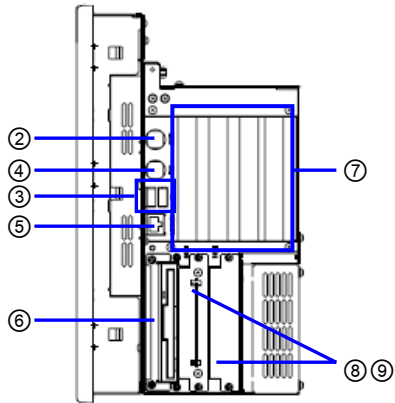


* PL-7901T and PL7921T don't have ①.

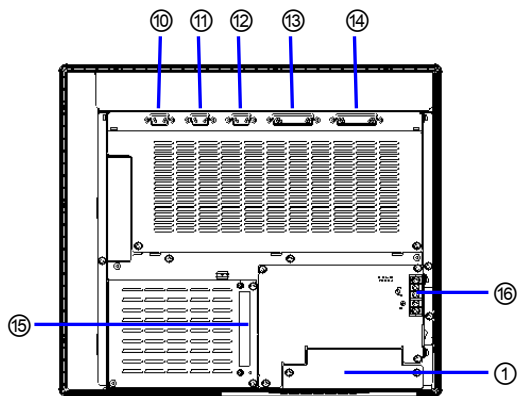
* PL-790*T doesn't have ③.

- ◆ Side and rear faces of PL-790*T/PL-792*T and side and bottom faces of PL-3700T

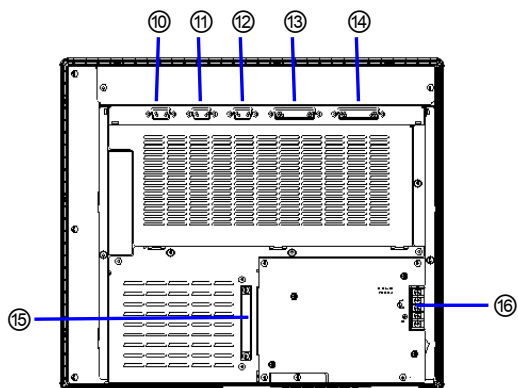
PL-790*T/PL-792*T



* PL-790*T doesn't have ③ and ⑤.

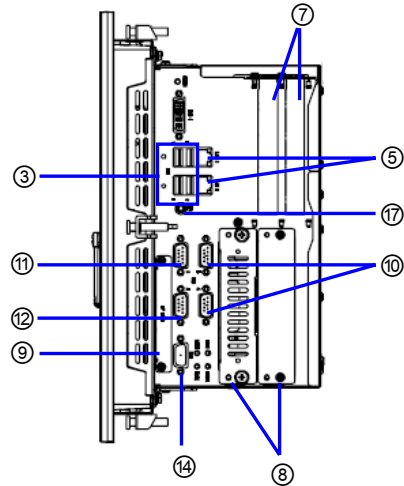


Rear of PL-7900T/PL-7920T

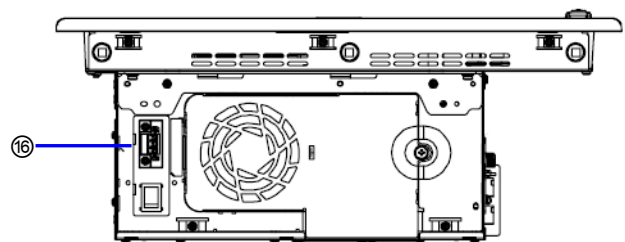


Rear of PL-7901T/PL-7921T

PL-3700T



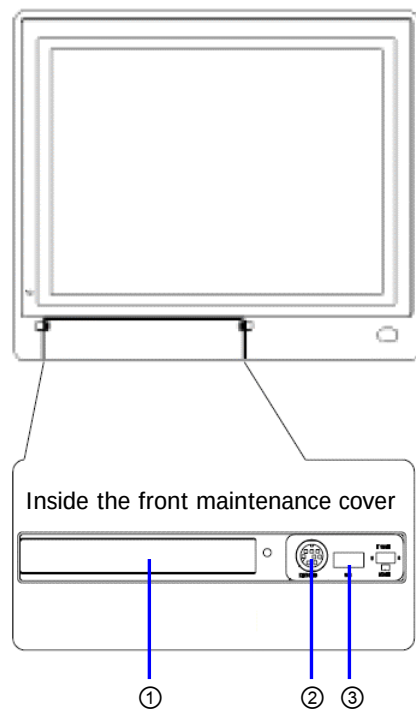
* A 4-slot type PL has 4 slots of ⑦.



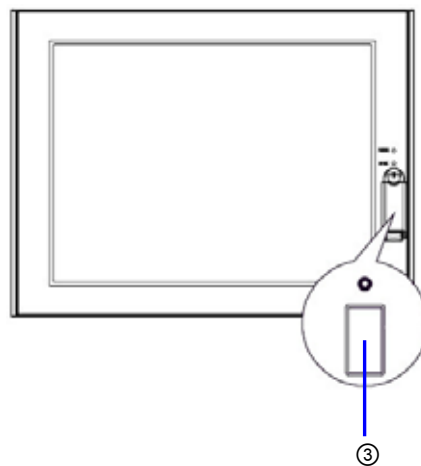
3.1.2 PL-790*T/PL-792*T and PS-3710A

- ◆ Front faces of PL-790*T/PL-792*T and PS-3710A

PL-790*T/PL-792*T



PS-3710A

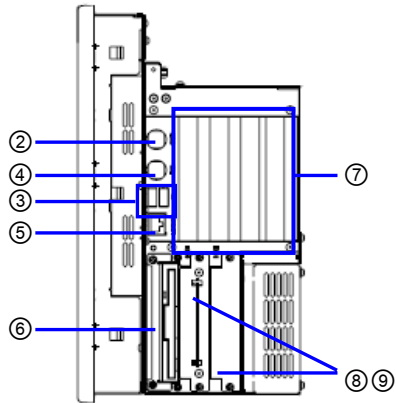


* PL-7901T and PL7921T don't have ①.

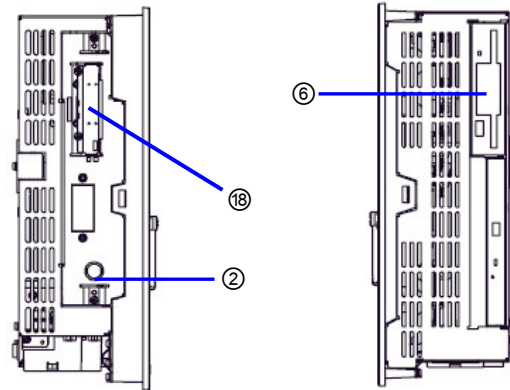
* PL-790*T doesn't have ③.

- ◆ Side and rear faces of PL-790*T/PL-792*T and side, bottom, and rear faces of PS-3710A

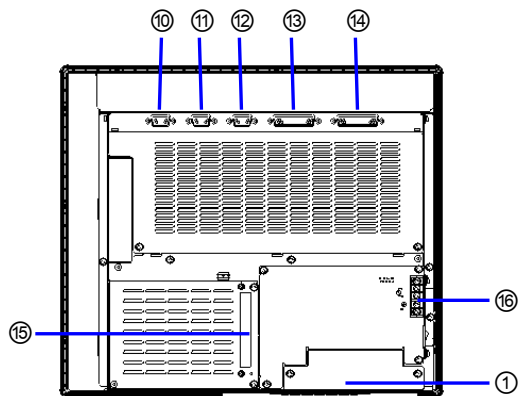
PL-790*T/PL-792*T



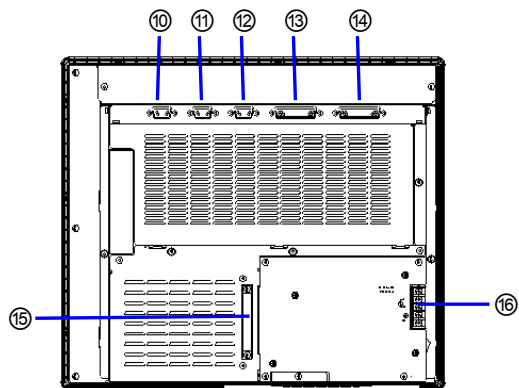
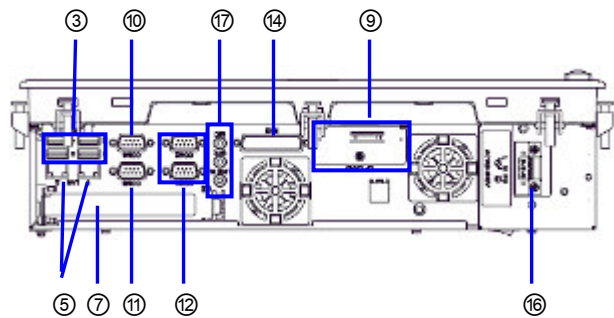
PS-3710A



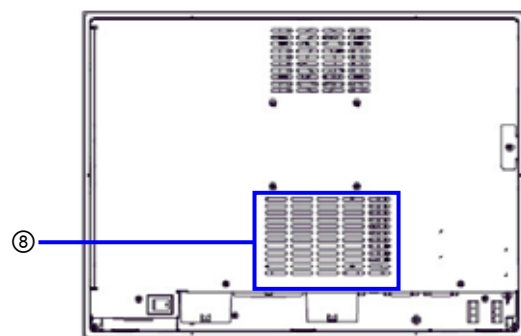
* PL-790*T doesn't have ③ and ⑤.



Rear of PL-7900T/PL-7920T



Rear of PL-7901T/PL-7921T

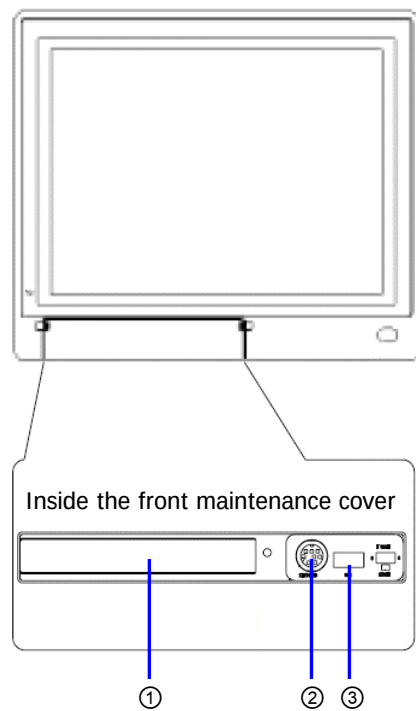


* The HDD unit interface (⑧) is inside the disk cover.

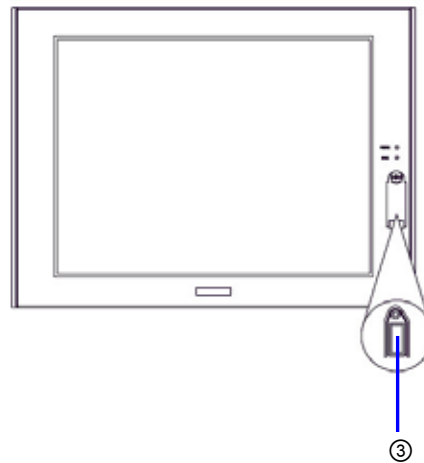
3.1.3 PL-790*T/PL-792*T and PS-3711A

- ◆ Front faces of PL-790*T/PL-792*T and PS-3711A

PL-790*T/PL-792*T



PS-3711A

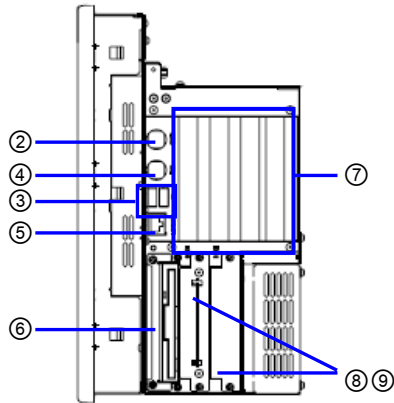


* PL-7901T and PL7921T don't have ①.

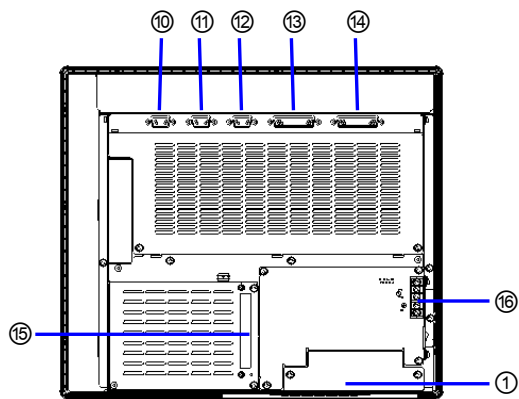
* PL-790*T doesn't have ③.

- ◆ Side and rear faces of PL-790*T/PL-792*T and side, bottom, and rear faces of PS-3711A

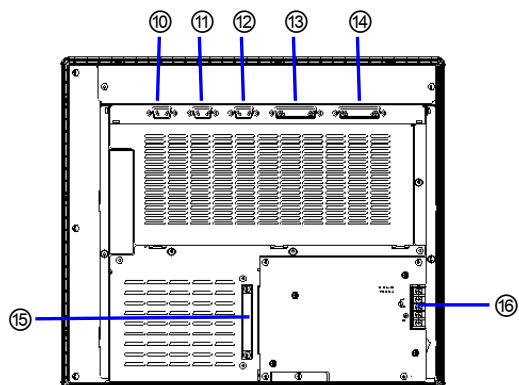
PL-790*T/PL-792*T



* PL-790*T doesn't have ③ and ⑤.

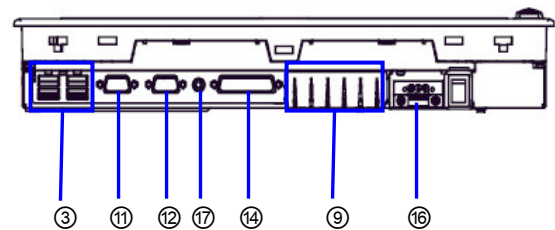
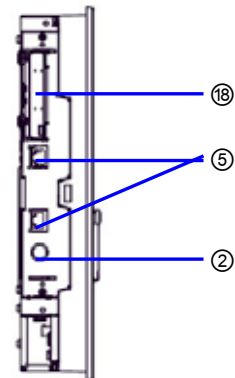


Rear of PL-7900T/PL-7920T

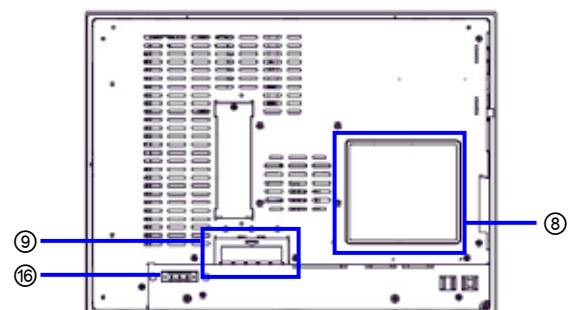


Rear of PL-7901T/PL-7921T

PS-3711A



* For the DC power type unit, ⑯ is on the rear.

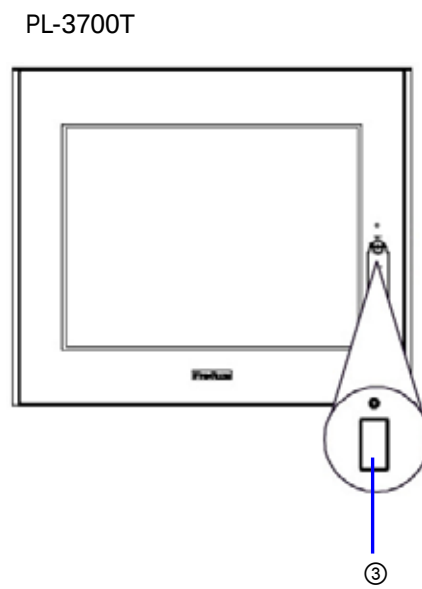
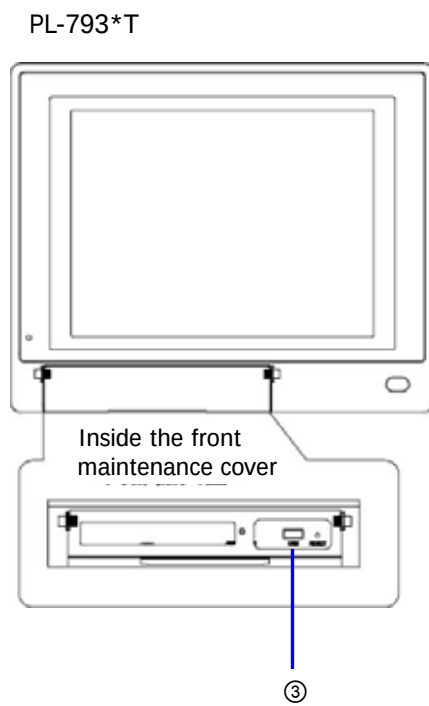


* For the AC type unit, ⑯ is on the bottom.

* The HDD unit interface (⑧) is inside the disk cover.

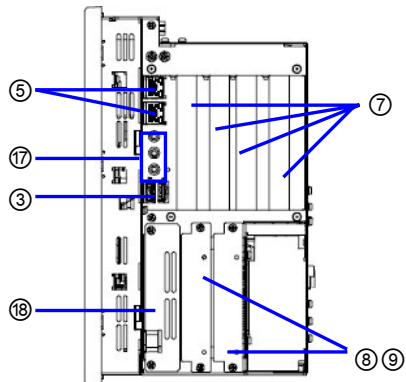
3.1.4 PL-793*T and PL-3700T (2-slot type)

- ◆ Front faces of PL-793*T and PL-3700T

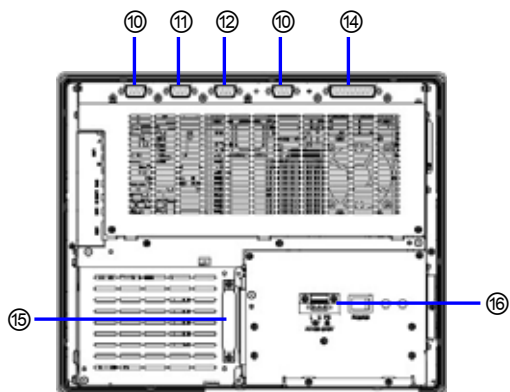


- ◆ Side and rear faces of PL-793*T and side and bottom faces of PL-3700T

PL-793*T

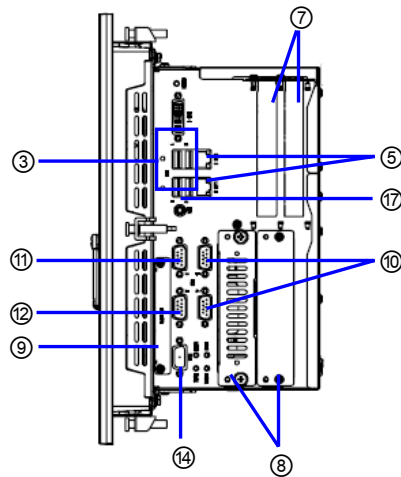


* PL-7931T has 2 slots of ⑦.

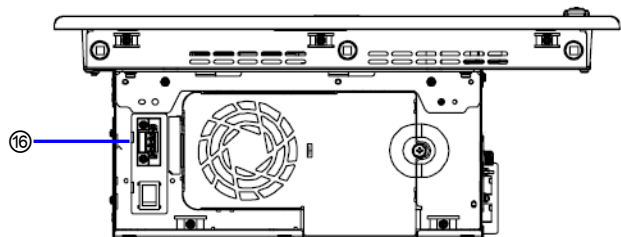


* The position of ⑩ on PL-7931T is a little higher.

PL-3700T



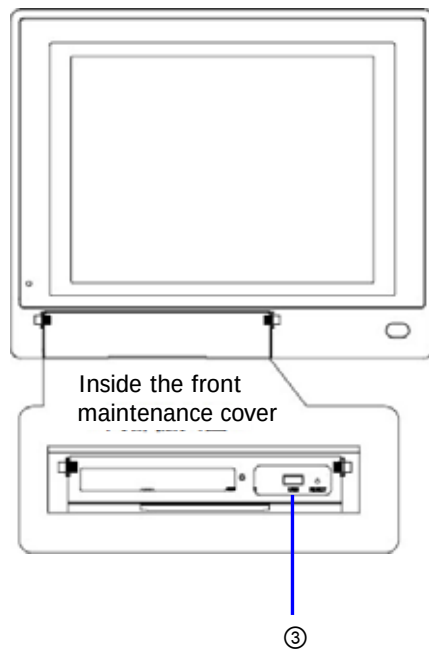
* A 4-slot type PL has 4 slots of ⑦.



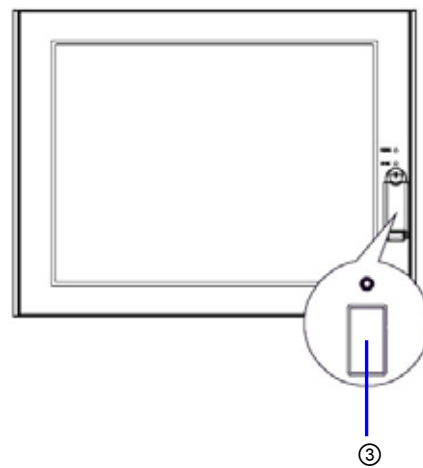
3.1.5 PL-793*T and PS-3710A

- ◆ Front faces of PL-793*T and PS-3710A

PL-793*T

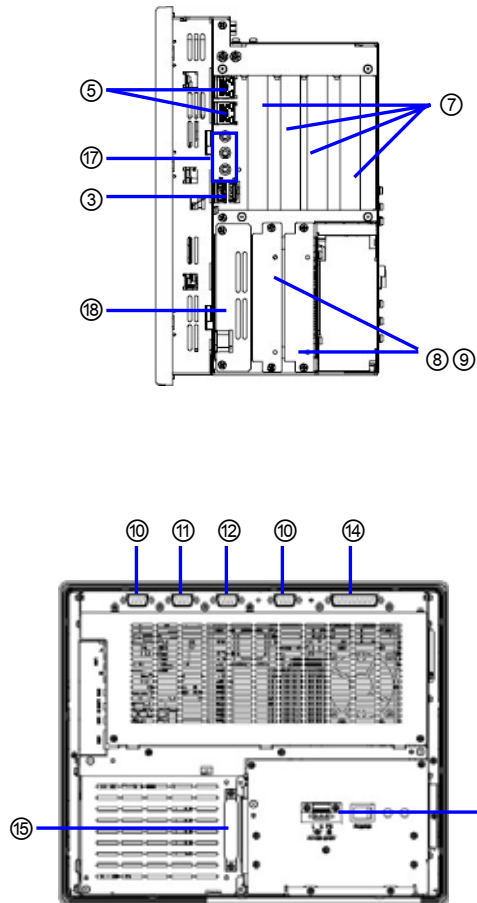


PS-3710A



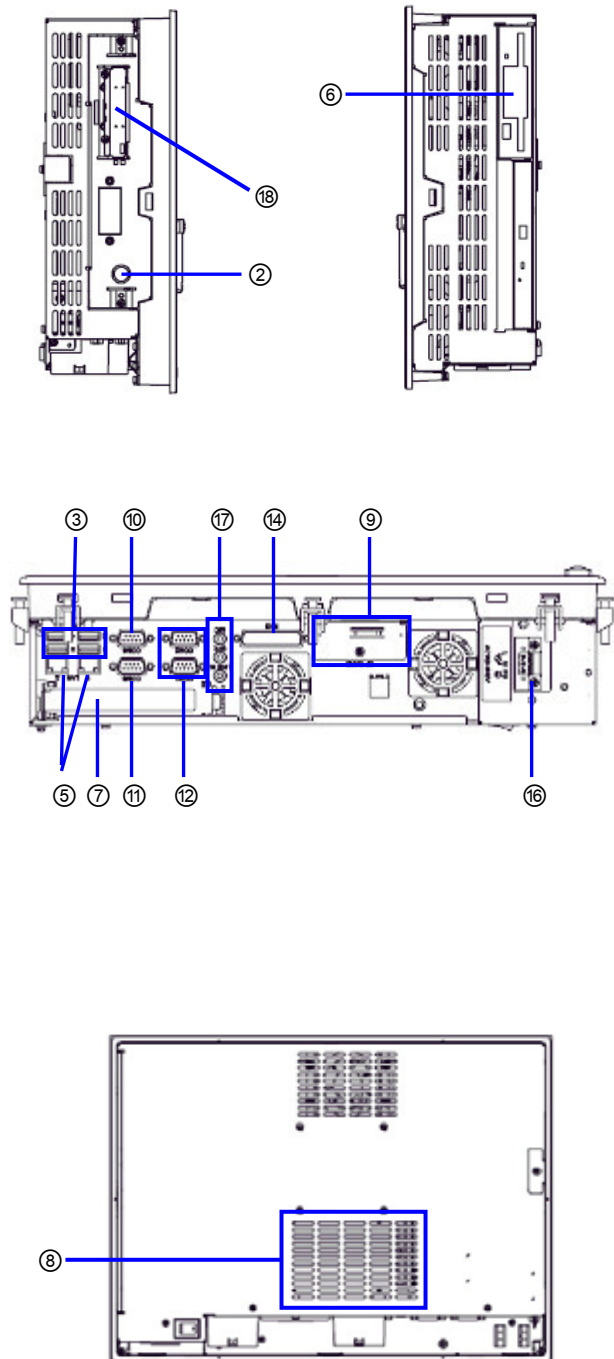
- ◆ Side and rear faces of PL-793*T and side, bottom, and rear faces of PS-3710A

PL-793*T



* The position of ⑩ on PL-7931T is a little higher.

PS-3710A

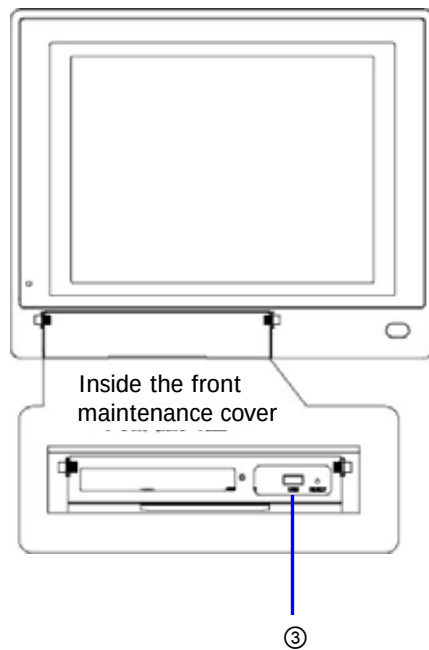


* The HDD unit interface (⑧) is inside the disk cover.

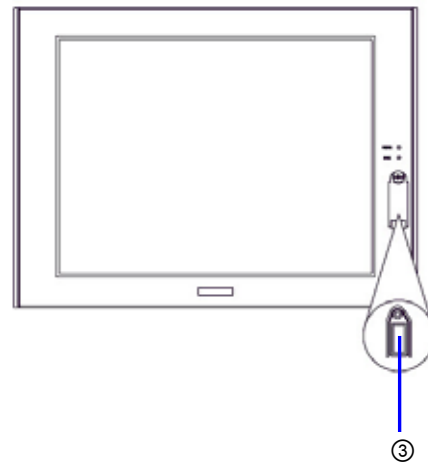
3.1.6 PL-793*T and PS-3711A

- ◆ Front faces of PL-793*T and PS-3711A

PL-793*T

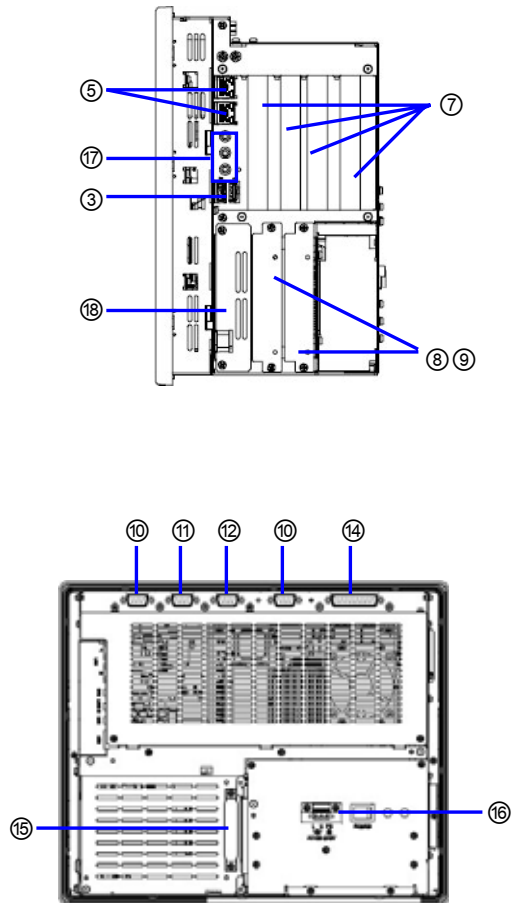


PS-3711A



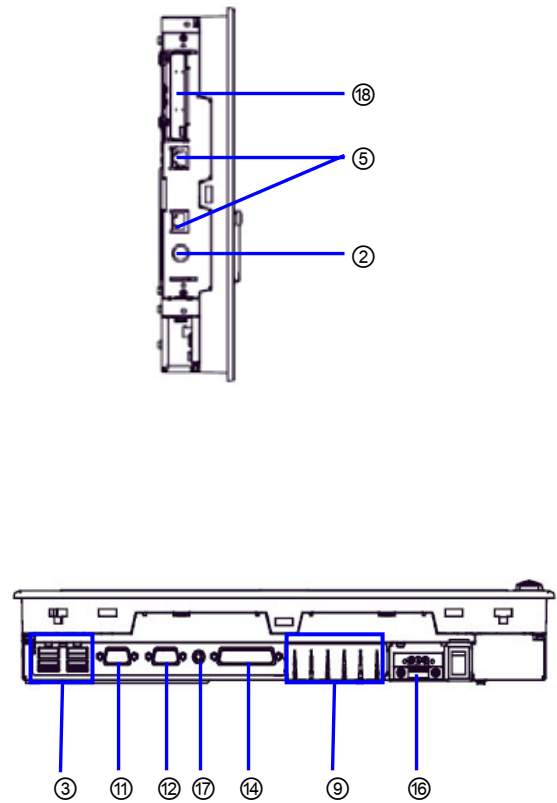
- ◆ Side and rear faces of PL-793*T and side, bottom, and rear faces of PS-3711A

PL-793*T

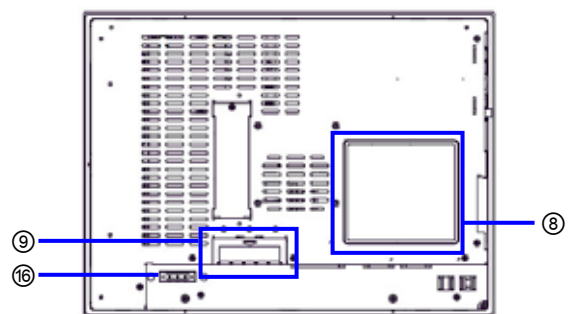


* The position of ⑯ on PL-7931T is a little higher.

PS-3711A



* For the DC power type unit, ⑯ is on the rear.



* For the AC type unit, ⑮ is on the bottom.

* The HDD unit interface (⑧) is inside the disk cover.

3.1.7 Interface Names

	PL79** Series	PL-3700T/PS-371*A
①	Front mound FDD slot	-
②	Keyboard connector	-
③	USB connector	
④	Mouse connector	-
⑤	Ethernet connector	
⑥	Side mount FDD slot	-
⑦	Expansion slot	
⑧	HDD slot / CF card slot	HDD slot
⑨	-	CF card slot
⑩	Serial interface (RS-232C)	
⑪	Serial interface (RS-232C) (PL-790*T: +5V non-changeable)	Serial interface (RS-232C/RS-422/RS-485)
⑫	Serial interface (RS-232C) (PL-790*T: +5V non-changeable)	Serial interface (RS-232C, +5V changeover) (PL-3700T only)
⑬	Printer connector	-
⑭	RAS connector	
⑮	IDE interface (CD-ROM drive)	-
⑯	Power terminal block	Power connector
⑰	Speaker output, line input, microphone input	Speaker output (PS-3710A: speaker output, line input, microphone input)
⑱	PCMCIA/Card bus slot	PCMCIA/Card bus slot (PS-371*A only)

3.2 CPU

As for PL-3700T, the BTO menu allows you to change the CPU from Intel® Core™ Duo 2.0GHz to Intel® Celeron® M 440 1.86GHz. For the details, contact your nearest Pro-face office or local distributor.

3.3 Main Memory

PL-3700T and PS-371*A are different in memory type from the PL79** series. The memory used in the PL79** series cannot be installed on the replacement unit. However, only the memory in the PL793* series can be installed on PS-371*A. → See 3.12 According to the specifications of Windows, the allowed size of memory area on PL-3700T is approximately 3.5GB even if you install a 4GB memory.

3.4 Panel Cut Dimensions / External Dimensions

PL-3700T and PS-371*A are different in panel cut dimensions and external dimensions from the PL79** series. Make sure to check the dimensions fit for your environment before replacement.

3.5 Serial Interface (COM4)

The COM4 port cannot be used if you specify the serial communication for screen data transfer.

3.6 Printer, Keyboard, Mouse, Floppy Disk Drive Interface

PL-3700T and PS-371*A don't have a Centronics (parallel), PS/2, or floppy disk drive interface. To connect a printer, keyboard, mouse or floppy disk drive to PL-3700T or PS-371*A, the peripheral must be USB-compliant.

A Centronics-interfaced printer can be connected by using a commercially available Centronics-USB converter.

3.7 RAS Interface

The RAS interface on PL-3700T is a female 9-pin D-Sub port, and those of the PL79** series and PS-371*A are male 25-pin D-Sub ports. Because of the different pin-outs and shapes of the ports, you need to rewire the cable.

3.8 Hard Disk

PL-3700T and PS-371*A are different in hard disk interface standard from the PL79** series. The type of OS preinstalled hard disk needs to be one for PL-3700T/PS-371*A.

3.9 DVI-I Interface

A DVI monitor cannot be connected for dual-monitoring outputting from PL-3700T. Connect an analog RGB monitor via an RGB conversion cable.

3.10 Expansion Slot

PL-3700T and PS-371*A do not support the ISA bus.

2 slots or 4 slots for PCI bus slot can be chosen from the BTO menu of PL-3700T. For the details, contact your nearest Pro-face office or local distributor.

3.11 PCMCIA Slot

PL-3700T doesn't have a PCMCIA slot. To use a PCMCIA card, connect an expansion board compatible with PCMCIA/Card bus to the PCI bus.

3.12 Optional Products

The following optional products for PL79**T can be also used with PL-3700T or PS-371*A:

Optional product	Model	Description
DIM Module *1	PSA-DDR512	Memory module 512MB
	PSA-DDR1G	Memory module 1GB
CF Card	CA3-CFCALL/128MB-01	TYPE1 128MB
	CA3-CFCALL/256MB-01	TYPE1 256MB
	CA3-CFCALL/512MB-01	TYPE1 512MB
	CA6-CFCALL/1GB-01	TYPE1 1GB
RS-232C/RS-485 Conversion unit *2	PL-RC500	Converts the RS-232C interface to the RS-485 interface.
Hub	SPIDER8TX-PRO	Industrial Ethernet hub DC24V
Installation fastener	CA3-ATFALL-01	Used for installation of a PL unit.

*1: The DIM module can be installed on the PS-371*A series only.

*2: The RS-232C/RS-485 conversion unit can be used on an RS-232C interface which supports RI/+5V changeover.

Chapter 4. Compatibility of Software

4.1 Compatibility of MS-DOS

PL-3700T and PS-371*A are not compatible with MS-DOS.

4.2 Compatibility of Windows

4.2.1 Operating System

The operating system environment used in the PL-79** series cannot be used in PL-3700T or PS-371*A. Install a new operating system on a hard disk for PL-3700T/PS-371*A.

For shift of general Windows software, conform to the software's operation environment.

For details of installation of operation system, see the following manual:

■ Setups of OS

Model	Manual	URL	Page
PL-3700T	PL3000 Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/pl_hard/PL3000_eng.pdf#page=14	14
PS-371*A	PS3710A/PS3711A Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/psa_hard/ps371xae.pdf#page=8	8

To use a hard disk without operating system, connection of a separate CD/DVD-ROM drive is required to read the disk of the operating system.

For the setup, refer to the following manual:

■ Connection of CD/DVD-ROM drive, Setup procedures

Model	Manual	URL	Page
PL-3700T	PL3000 Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/pl_hard/PL3000_eng.pdf#page=8	8
PS-371*A	PS3710A/PS3711A Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/psa_hard/ps371xae.pdf#page=6	6

4.2.2 Software for PL

While the software for the PL79** series cannot be installed on PL-3700T or PS-371*A, other software of similar quality, such as mouse emulator, is available.

Software created referring to API-DLL needs to be reprogrammed in the DDL file for PL-3700T/PS-371*A. For the setups of the operating system and the software for PL-3700T/PS-371*A, see the following manual:

■ Setup of software for PL

Model	Manual	URL	Page
PL-3700T	PL3000 Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/pl_hard/PL3000_eng.pdf#page=14	14
PS-371*A	PS3710A/PS3711A Series Reference Manual	http://www.pro-face.com/otasuke/files/manual/psa_hard/ps371xae.pdf#page=8	8

In case of a hard disk without an operating system, it is necessary for you to download the software for PL-3700T/PS-371*A. Download the program from the following PL/PS series download page.

■ PL3000 Series download page

Model	URL
PL-3700T	http://www.pro-face.com/otasuke/download/pl/pl3000/pl3000_series.htm
PS-371*A	http://www.pro-face.com/otasuke/download/ps/psa/ps371xa_series.htm

4.3 Supported Operating Systems

Operating systems each model supports are as follows:

Model	OS									
	MS-DOS	Win95	Win98SE	WinNT	Win2000		Win XP		Win XPE ^{*3}	
					JP	ML	JP	ML	JP	ML
PL-790*T	No	Yes	No	Yes	No	No	No	No	No	No
PL-792*T	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
PL-793*T	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
PL-3700T	No	No	No	No	Yes ^{*1}	Yes ^{*1 *2}	Yes	Yes	No	Yes
PS-371*A	No	No	No	No	Yes ^{*1}	Yes ^{*1}	Yes	Yes	No	Yes

^{*1}: OS preinstalled SSD units are not sold.

^{*2}: OS preinstalled HDD units for the Core Duo CPU are not sold.

^{*3}: For the 2GB CF card compatible with Windows XP Embedded Multilingual type includes Japanese.