



Pro-face America Xycom Brand Migration Guide

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Introduction

Xycom Brand Industrial Computers Migration Guide

- This guide provides you with information regarding the migration path for Xycom products. Migration charts with specification comparisons are included in the following pages. The complete part number can be found in Pro-face America's product data sheets.
- Some units are not cutout compatible. Where an adapter plate is required it will be indicated in the section.
- If you have any question or need support for Xycom products migration Please contact our service groups to assist you.

Pro-face America customer service hotline:	734-944-0482
Pro-face Customer Support email:	customercare@profaceamerica.com
Pro-face product availability/lead time:	leadtime@profaceamerica.com

Overview of the Migration

- Table 1 below shows which Xycom brand industrial computer products can be replaced with Pro-face brand industrial computer products.
- Model names shown in parentheses are older models with the same cutout size as the current Xycom Product. Pro-face products listed are the recommended replacement.

Table 1

	Xycom	Discontinuation	Pro-face Replacement	Same Panel cutout?
Light Duty IPC	3112T	Discontinued Aug 2007	PS3650A	Yes, wiith adapter plate *1
	4115T (3115T)	Discontinued Jul 2007	PS3710A-TA2	Yes
	4117T	Discontinued Jun 2009	PS3710A-TA2 PS3000B + FP3900	No
Heavy Duty IPC	4612T (3612T, 3310T)	Discontinue in Dec. 2010	APL3600T	Yes
	4612KPM (3612KPM) 4612KPMT (3612KPMT)	Discontinue in Dec. 2010	APL3600K	Yes
	4615T (3615T)	Discontinue in Dec. 2010	APL3700T	Yes
	4615KPM (3615KPM) 4615KPMT (3615KPMT)	Discontinue in Dec. 2010	APL3700K	Yes
	4715T (3715T, 3712T)	Discontinue in Dec. 2010	APL3700T	Yes, wiith adapter plate *1
	4715KPM (3715KPM) 4715KPMT (3715KPMT)	Discontinue in Dec. 2010	APL3700K	Yes
	Node PC	1510	Discontinue in Dec. 2010	None (Recommend with APL3000B)
1546 (1506)		Discontinue in Dec. 2010	APL3000B	N/A
1547 (1507)		Discontinue in Dec. 2010	APL3000B	N/A
Flat Panel Monitor	5015T/R2	Discontinue in Dec. 2010	FP3710T	Yes, wiith adapter plate *1
	5015KPM 5015KPMT	Discontinued May 2009	FP3710K	Yes
	5017T 5019T	Discontinued Aug 2009	FP3900T	Yes (Need adapter plate for only 5019T *1)
	5019T-SS	Discontinue in Dec. 2010	Under investigation	N/A

* The schedule subject to product availability.

Notes:

*1 Panel cutout adapter and Gaskets for adapter plates are sold separately.

Following Xycom products are still available

- 1341

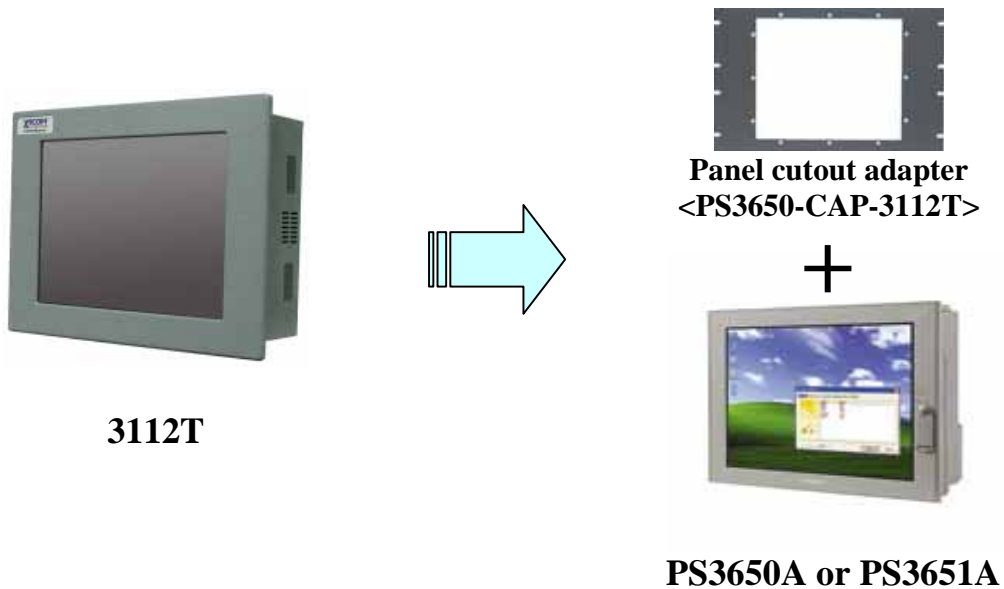
3112T

Replacement of 3112T

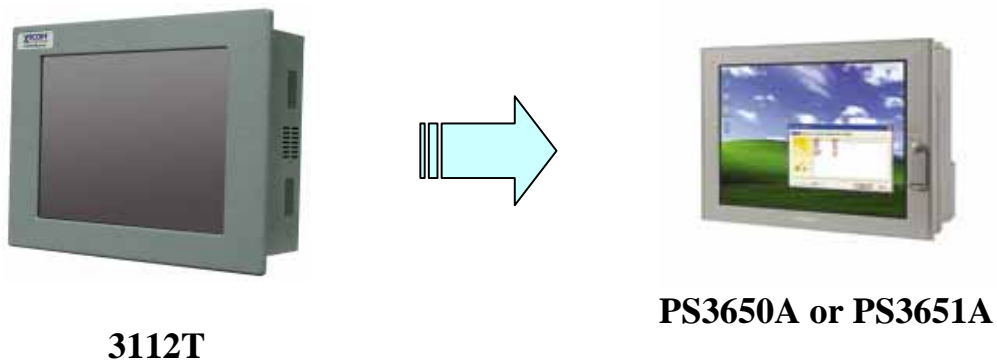
Replacement models: PS3650A or PS3651A

NOT panel cutout compatible → Use Panel cutout adapter to be same cutout

When you want to do drop out replacement, Panel cutout adapter are required



If you don't need to keep same panel cutout (creating new panel cutout), DO NOT require the panel cut adapter.



Spec. comparison 3112T(Xycom) vs. PS3651(Pro-face) vs. PS3650(Proface)

Differences are highlighted in red characters

	12" Touch		
	3112T	PS3650A-T42/T42S	PS3651A-T42/T42S
Main Hardware			
Display	12.1" SVGA (800x600) TFT color LCD	12.1" XGA (1024x768) TFT color LCD	
Mounting	Clip mounting		
Cutout *1	314.325(W)x231.9(H)x99(D) mm (behind ft. panel)	301.5(W)x227.5(H)x55(D) mm (behind ft. panel)	301.5(W)x227.5(H)x98(D) mm (behind ft. panel)
CPU	Celeron 1.2GHz	Celeron M 1.5GHz	Celeron M 1.0GHz
RAM	256M, 512M	1G	512MB, 1G
Hard Drive	20GB HDD	60GB HDD, 2 or 8GB CF-Card, 16-128GB SSD	
Operating System	XP/Windows 2000, No OS	XP Pro, XP Embedded	
Optical Drive	CD ROM	No	
Floppy	Yes	No	
Touch	Yes	Yes	
Keypad	No	No	
Mouse	No	No	
Ports			
Slots	No	1x PCI	No
USB	2 (1.1) side	4x (2.0) side, 1x (1.1) on front	
Serial	3 (2xRS232, 1xRS232/422/485)	T42 model: 1(1x RS232/422/485) T42S model: 2(1x RS232/422/485, 1x RS232)	
Parallel	Yes	No	
Ethernet	1x 10/100	2 (1x 10/100), (1x 10/100/1000)	
CF	1 (Type II)	1 (Type II)	
Sound	Input, output, mic	Speaker output	
PS/2 Kbd/mouse	1x PS2 Keyboard/mouse	No	
Video Output	15 pin RGB	No	
RAS	No	T42 model: Yes (9 pin D-Sub Male) T42S model: No	
PCMCIA	No	1 (Type II)	
Environmental			
Operating Temperature	0-50C	With HDD: 5-50C, Without HDD: 0-50C	With HDD: 5-45C, Without HDD: 0-50C
Rating	NEMA 4/4X/12	NEMA 4/4X/12	
Approvals	UL508 Listed, cUL Listed, CE	UL508 Listed, CE, CSA (cUL approval), RoHS	
Options		DC 24V, WinGP	
Warranty	1 year	2 year	

Notes:

- To replace 3112T with a PS3650/51, the adapter plate is required. <Part No: PS3650-CAP-3112T>

Check points for the replacement

 : Important points to consider

1. Panel cutout

Use panel cutout adapter to be same panel cutout as 3112T.

2. OS

Windows2000 is not supported as a standard.

- A. Change OS to Windows XP Pro.
- B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.
*PM: some fee is required.



3. Serial ports

PS3650/PS3651 have 1 or 2 serial ports, and If you need 3rd serial port,

- A. Switch the communication to Ethernet
- B. Use USB-Serial converter <CA6-USB232-01>.
- C. Use PS3710 which have 4x Serial ports, but panel cutout is different.

4. Parallel port

PS3650/PS3651 don't have parallel port, and if you need parallel port,

- A. Find a USB- parallel converter by yourself
- B. Change printer interface to USB or Ethernet

5. PS/2 Mouse/Keypad ports

PS3650/PS3651 doesn't have PS/2 mouse/keypad ports. Please use USB port instead

6. VGA interface

PS3650/PS3651 doesn't have VGA interface. If you need VGA interface,

- A. Find USB-VGA converter by yourself
- B. Use PS3710 which have 1x VGA port, but panel cutout is different.

4115T

Replacement of 4115T

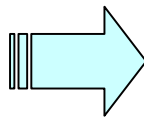
Replacement models: PS3710A-TA2

Panel cutout compatible

DO NOT require panel cutout adapter, so that PS3710A-TA2 is a panel cutout compatible with 4115T.



4115T



PS3710A-TA2

Spec. comparison 4115T(Xycom) vs. PS710A-TA2(Pro-face)

Differences are highlighted in red characters

	15" Touch	
	4115T	PS3710A-TA2
Main Hardware		
Display	15.0" XGA (1024x768)	15.0" XGA (1024x768)
Mounting	Clip mounting	Clip mounting
Cutout *1	386.1(W)x284.5(H)x102.6(D) mm (behind ft. panel)	386.1(W)x284.5(H)x100(D) mm (behind ft. panel)
CPU	Pentium 4 2.0GHz	Pentium M 1.6GHz
RAM	512M, 1G	1G, 2G
Hard Drive	40GB HDD	60GB HDD, 2 or 8GB CF-Card, 16-64GB SSD
Operating System	XP/Windows 2000, No OS	XP Pro, XP Embedded
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-ROM
Floppy	Yes	Yes
Touch	Yes	Yes
Keypad	No	No
Mouse	No	No
Ports		
Slots	1x PCI (1/2 length)	1x PCI
USB	2 (2.0)	4 (2.0)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	Yes	No
Ethernet	2 (1x 10/100), (1x 10/100/1000)	2 (1x 10/100), (1x 10/100/1000)
CF	1 (Type II)	1 (Type II)
Sound	Input, output, mic	Input, output, mic
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	15 pin RGB (supports extended desktop)
RAS	No	Yes (25 pin D-Sub Male)
PCMCIA	No	2 (Type II, Type III)
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed), cUL Listed, CE	ANSI/ISA-12.12.01-2007(Class 1, Div.2), UL 508 Listed), CE, CSA (cUL approval), RoHS
Options		DC24V ² , WinGP
Warranty	1 year	2 year

Notes:

- *1. 4115T and PS3710A-TA2-xx-xxxx (AC Model) only is cutout compatible. See Note 2
- *2. AC and DC models do not share same cutout, see manual/datasheets
PS3710A-TA2-1G-XM60 (AC model)
PS3710A-T42-24V-1G-XM60 (DC24V model)

Difference between AC and DC models

- Panel cutout is different.
- PS3710A-T42-24V-xx-xxxx models do not include RGB interface port.
- PS3710A-T42-24V-xx-xxxx models include a USB port on Front Bezel (not available on AC models).

Check points for the replacement

1. OS

Windows2000 is not supported as a standard.

C. Change OS to Windows XP Pro.

D. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

2. Parallel port

PS3710/11 don't have parallel port, and if you need parallel port,

E. Find a USB- parallel converter by yourself

F. Change printer interface to USB or Ethernet

3. PS/2 Mouse/Keypad ports

PS3710/3711 doesn't have PS/2 mouse/keypad ports. Please use USB port instead

4117T

Replacement of 4117T

Replacement models: PS3710A-TA2 or PS300B + FP3900T

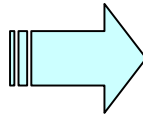
NOT panel cutout compatible, and **NO** panel cutout adapter.

Customer need to change the panel cutout of their machines or facilities.
(* There is no panel cutout adapter)

One Hardware replacement



4117T

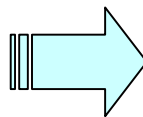


PS3710A

Replace by Node Box IPC with Flat Panel Monitor



4117T



PS300B



FP3900T

Spec. comparison 4117T(Xycom) vs. PS710A-TA2(Pro-face)

Differences are highlighted in red characters

	17" Touch 4117T	15" Touch PS3710A-TA2	Node Box + 19" Touch PS3000B + FP3900T
Main Hardware			
Display	17.0" SXGA (1280x1024)	15.0" XGA (1024x768)	19.0" SXGA (1280x1024)
Mounting	Clip mounting	Clip mounting	Clip mounting
Cutout *1	425.45(W)x332.74(H)x125.2(D) mm (behind ft. panel)	386.1(W)x284.5(H)x100(D) mm (behind ft. panel)	419.5(W)x352.5(H)x65(D) mm (behind ft. panel) *Place PS3000B separately
CPU	Pentium M 1.4GHz	Pentium M 1.6GHz	Celeron M 1.0GHz
RAM	512M, 1G, 2G	1G, 2G	1G
Hard Drive	80GB HDD	60GB HDD, 2 or 8GB CF-Card, 16-64GB SSD	40GB HDD, 2 or 8GB CF-Card, 16-64GB SSD
Operating System	XP/Windows 2000, No OS	XP Pro, XP Embedded	XP Pro, XP Embedded
Optical Drive	CD-R/W with DVD-ROM combo drive (optional DVD-RW)	DVD-ROM	No
Floppy	No	Yes	No
Touch	Yes	Yes	Yes
Keypad	No	No	No
Mouse	No	No	No
Ports			
Slots	1x PCI (1/2 length)	1x PCI	1x PCI
USB	2 (2.0)	4 (2.0)	4 (2.0)
Serial	3 (3xRS232)	4 (3xRS232, 1xRS232/422/485)	2 (1xRS232, 1xRS232/422/485)
Parallel	Yes	No	No
Ethernet	2 (1x 10/100), (1x 10/100/1000)	2 (1x 10/100), (1x 10/100/1000)	2 (1x 10/100), (1x 10/100/1000)
CF	1 (Type I/II)	1 (Type II)	2 (Type I/II)
Sound	Input, output, mic	Input, output, mic	output
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No	No
Video Output	15 pin RGB	15 pin RGB (supports extended desktop)	No (One for own monitor)
RAS	No	Yes (25 pin D-Sub Male)	No
PCMCIA	No	2 (Type II, Type III)	No
Environmental			
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed, cUL Listed, CE, RoHS	ANSI/ISA-12.12.01-2007(Class 1, Div.2), UL 508 Llisted, CE, CSA (cUL approval), RoHS	UL 508 Listed, CE, CSA (cUL approval), RoHS
Options		DC24V, WinGP	WinGP
Warranty	1 year	2 year	2 year

Notes:

*1. Panel cutout is different.

Check points for the replacement



1. Panel cutout

Panel cutout and LCD size are completely different.

2. Performance

In case of PS3000B, CPU, RAM memory, and HDD might be smaller. Please check the performance.

3. OS

Windows2000 is not supported as a standard.

G. Change OS to Windows XP Pro.

H. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.



4. Serial ports

PS3000 have 2 serial ports, and If you need 3rd serial port,

I. Switch the communication to Ethernet

J. Use USB-Serial converter <CA6-USB232-01>.

K. Use PS3710 which have 4x Serial ports.

5. Parallel port

PS3710/PS3000 don't have parallel port, and if you need parallel port,

L. Find a USB- parallel converter by yourself

M. Change printer interface to USB or Ethernet

6. PS/2 Mouse/Keypad ports

PS3710/PS3000 doesn't have PS/2 mouse/keypad ports. Please use USB port instead

7. VGA interface

PS3000 doesn't have VGA interface. If you need VGA interface,

N. Find USB-VGA converter by yourself

O. Use PS3710 which have 1x VGA port.



: Important points to consider

4612T

Replacement of 4612T

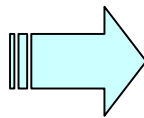
Replacement models: APL3600T

Panel cutout compatible

DO NOT require panel cutout adapter, so that APL3600T is a panel cutout compatible with 4612T.



4612T



APL3600T

Spec. comparison 4612T(Xycom) vs. APL3600T(Pro-face)

Differences are highlighted in red characters

	12" Touch	
	4612T	APL3600T
Main Hardware		
Display	12.1" SVGA (800 x 600)	12.1" SVGA (800 x 600), 262,144 color
Mounting	Stud mounting	Clip mounting
Cutout	296.42(W)x244.60(H)x167.4(D) mm	2 slots model: 295.5(W)x243.5(H)x194..4(D) mm 4 slots model: 295.5(W)x243.5(H)x246..4(D) mm
CPU	CeleronM1.3GHz Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80G (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	Yes	Yes
Ports		
Slots	4 (3xPCI and 1xPCI or ISA)	2x PCI or 4x PCI
USB	4(2.0)	5xUSB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB)**1
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x12	NEMA 4/4x12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1 To use as an RGB interface, a separate converter or conversion cable is required.
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3600T: 60GB, 4612T: 80GB

HDD size is smaller than 4612T, if you need bigger size of HDD

- A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

- A. Change OS to Windows XP Pro.

- B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3600T don't have Floppy interface, and If you need Floppy interface,

- A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3600T don't have ISA bus interface

- A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3600T have 2 or 4 PCI bus interface, but PCI card size is different from 4612T

- A. Find right length of PCI card for APL3600T

6. Parallel port

APL3600T don't have parallel port, and if you need parallel port,

- A. Find a USB- parallel converter by yourself

- B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3600T don't have PS/2 mouse/keypad ports. Please use USB port instead

4612KPM(T)

Replacement of 4612KPM(T)

Replacement models: APL3600K

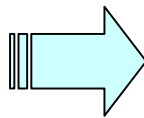
Panel cutout compatible

DO NOT require panel cutout adapter, so that APL3600K is a panel cutout compatible with 4612KPM(T).

***But need to remove "Spacer" on APL3600K to be same panel cutout as 4612KPM(T).**



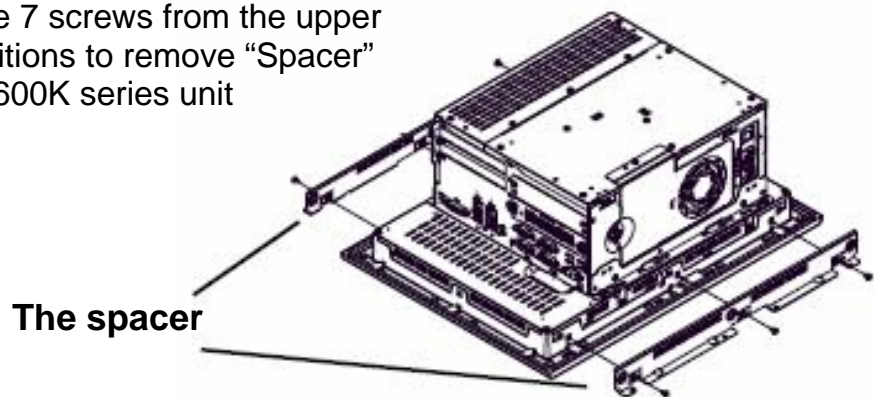
4612KPM(T)



APL3600K

It's EASY to remove spacer

As shown in the following diagram,
Simply remove 7 screws from the upper
and lower positions to remove "Spacer"
from the PL-3600K series unit



Spec. comparison 4612KPM(T)(Xycom) vs. APL3600K(Pro-face)

Differences are highlighted in red characters

	12" Touch with keypad, mouse	
	4612KPM(T)	APL3600K
Main Hardware		
Display	12.1" SVGA (800 x 600)	12.1" SVGA (800 x 600), 262,144 color
Mounting	Stud mounting	Clip mounting
Cutout ^{*1}	383.54(W)x275.59(H)x167.4(D) mm	2 slots model: 383.5(W)x282.5 [275.5 w/o spacer] (H)x194.8(D) mm 4 slots model: 383.5(W)x282.5 [275.5 w/o spacer] (H)x246.8(D) mm
CPU	CeleronM1.3GHz Pentium M 2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80G (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	4612KPM: No 4612KPM(T): Yes	Yes
Keypad	Yes	Yes
Mouse	Yes	Yes
Ports		
Slots	4 (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	5(2x USB2.0 rear, 1 USB1.1 front)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ^{*2}
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID	RAID, DC 24V, WinGP

Notes:

*1 Migration from 4612KPM(T) to APL3600K requires removing spacers attached to APL3600K unit. The spacers on APL3600K units are to maintain cutout compatibility with PL3700, FP3710, AGP3750 and PS3710/11 models.

*2 To use as an RGB interface, a separate converter or conversion cable is required. DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3600K: 60GB, 4612KPM(T): 80GB

HDD size is smaller than 4612KPM(T), if you need bigger size of HDD

A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

A. Change OS to Windows XP Pro.

B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3600K don't have Floppy interface, and If you need Floppy interface,

A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3600K don't have ISA bus interface

A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3600K have 2 or 4 PCI bus interface, but PCI card size is different from 4612KPM(T)

A. Find right length of PCI card for APL3600K

6. Parallel port

APL3600K don't have parallel port, and if you need parallel port,

A. Find a USB- parallel converter by yourself

B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3600K don't have PS/2 mouse/keypad ports. Please use USB port instead

4615T

Replacement of 4615T

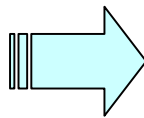
Replacement models: APL3700T

Panel cutout compatible

DO NOT require panel cutout adapter, so that APL3700T is a panel cutout compatible with 4615T.



4615T



APL3700T

Spec. comparison 4615T(Xycom) vs. APL3700T(Pro-face)

Differences are highlighted in red characters

	15" Touch	
	4615T	APL3700T
Main Hardware		
Display	15.0" XGA (1024x768)	15.0" XGA (1024x768), 16,777,216 color
Mounting	Stud mounting	Clip mounting
Cutout	386.08(W)x284.48(H)x 167.4(D)	2 slots model: 383.5(W)x282.5(H)x 194..8(D) mm 4 slots model: 383.5(W)x282.5(H)x 246..8(D) mm
CPU	CeleronM1.3GHz, Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	Yes	Yes
Ports		
Slots	4 (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	5(2x USB2.0 rear, 1 USB1.1 front)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB)**1
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x12	NEMA 4/4x12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1. To use as an RGB interface, a separate converter or conversion cable is required.
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3700T: 60GB, 4615T: 80GB

HDD size is smaller than 4615T, if you need bigger size of HDD

A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

A. Change OS to Windows XP Pro.

B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3700T don't have Floppy interface, and If you need Floppy interface,

A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3700T don't have ISA bus interface

A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3700T have 2 or 4 PCI bus interface, but PCI card size is different from 4615T

A. Find right length of PCI card for APL3700T

6. Parallel port

APL3700T don't have parallel port, and if you need parallel port,

A. Find a USB- parallel converter by yourself

B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3700T don't have PS/2 mouse/keypad ports. Please use USB port instead

4615KPM(T)

Replacement of 4615KPM(T)

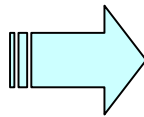
Replacement models: APL3700K

Panel cutout compatible

DO NOT require panel cutout adapter, so that APL3700K is a panel cutout compatible with 4615KPM(T).



4615KPM(T)



APL3700K

Spec. comparison 4615KPM(T)(Xycom) vs. APL3700K(Pro-face)

Differences are highlighted in red characters

	15" Touch with keypad, mouse	
	4615KPM(T)	APL3700K
Main Hardware		
Display	15.0" XGA (1024x768)	15.0" XGA (1024x768), 16,777,216 color
Mounting	Stud mounting	Clip mounting
Cutout	441.96(W)x314.20(H)x 167.6(D)	2 slots model: 441.5(W)x313.5(H)x 194..8(D) mm 4 slots model: 441.5(W)x313.5(H)x 246..8(D) mm
CPU	CeleronM1.3GHz, Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	4615KPM: No 4615KPM(T): Yes	Yes
Keypad	Yes	Yes
Mouse	Yes	Yes
Ports		
Slots	4x (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	5(2x USB2.0 rear, 1 USB1.1 front)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x10/100), (1x10/100/1000)	2(1x10/100), (1x10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB)*1
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

- *1. To use as an RGB interface, a separate converter or conversion cable is required.
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3700K: 60GB, 4615KPM(T): 80GB

HDD size is smaller than 4615KPM(T), if you need bigger size of HDD

- A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

- A. Change OS to Windows XP Pro.
- B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3700K don't have Floppy interface, and If you need Floppy interface,

- A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3700K don't have ISA bus interface

- A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3700K have 2 or 4 PCI bus interface, but PCI card size is different from 4615KPM(T)

- A. Find right length of PCI card for APL3700K

6. Parallel port

APL3700K don't have parallel port, and if you need parallel port,

- 1. Find a USB- parallel converter by yourself
- 2. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3700K don't have PS/2 mouse/keypad ports. Please use USB port instead

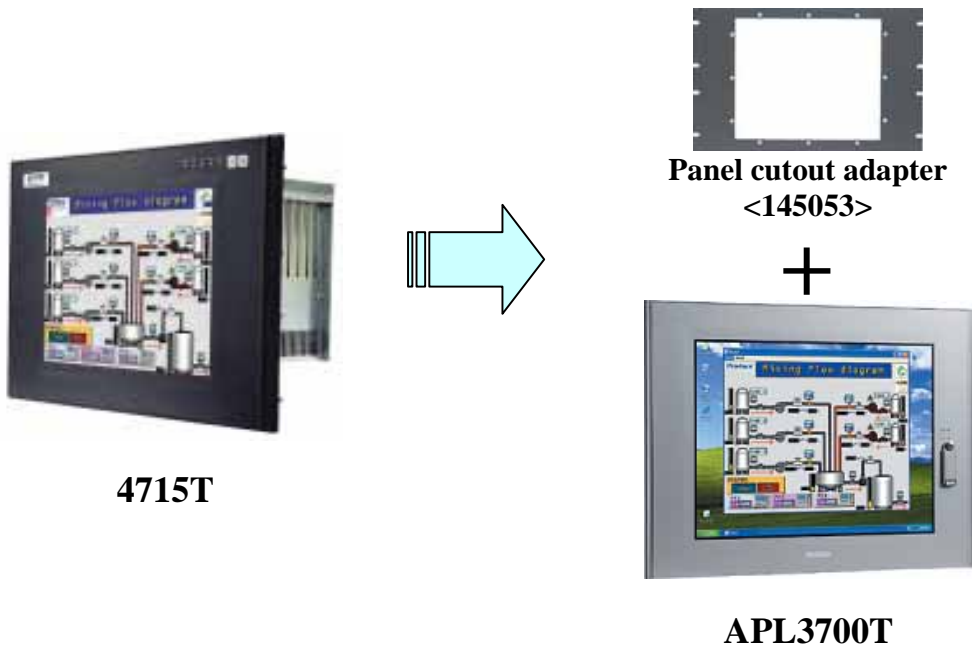
4715T

Replacement of 4715T

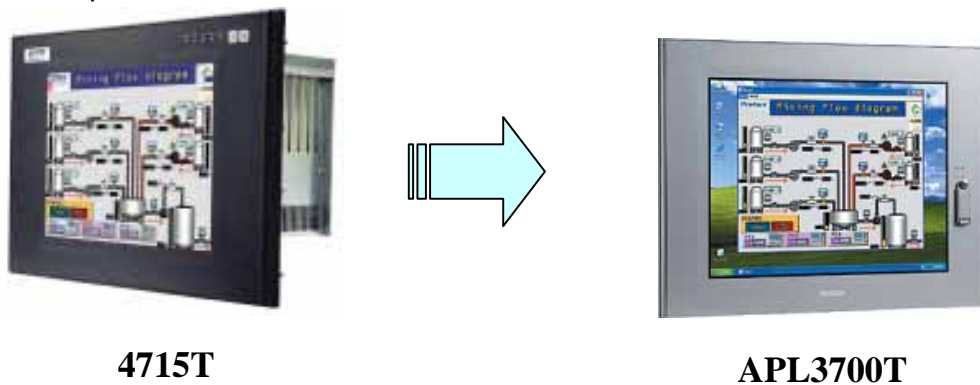
Replacement models: APL3700T

NOT panel cutout compatible → Use Panel cutout adapter to be same cutout

When you want to do drop out replacement, Panel cutout adapter are required



If you don't need to keep same panel cutout (creating new panel cutout), DO NOT require the panel cut adapter.



Spec. comparison 4715T(Xycom) vs. APL3700T(Pro-face)

Differences are highlighted in red characters

	15" Touch	
	4715T	APL3700T
Main Hardware		
Display	15.0" XGA (1024x768)	15.0" XGA (1024x768), 16,777,216 color
Mounting	Stud mounting	Clip mounting
Cutout*1	441.95(W)x314.20(H)x194.0(D)	2 slots model: 383.5(W)x282.5(H)x194.8(D) mm 4 slots model: 383.5(W)x282.5(H)x246.8(D) mm
CPU	CeleronM1.3GHz, Pentium M 2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	40GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	Yes	Yes
Ports		
Slots	4 (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	5(2x USB2.0 rear, 1 USB1.1 front)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ²
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID, DC24V	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1. To replace 4715T with an APL3700T unit, an adapter plate is required. <Part No: 145053>

*2 To use as an RGB interface, a separate converter or conversion cable is required.

DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. Panel cutout

Use panel cutout adapter to be same panel cutout as 4715T.

2. HDD size

APL3700T: 60GB, 4715T: 80GB

HDD size is smaller than 4715T, if you need bigger size of HDD

A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

3. OS

Windows2000 is not supported as a standard.

A. Change OS to Windows XP Pro.

B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

4. Floppy

APL3700T don't have Floppy interface, and If you need Floppy interface,

A. Use external USB Floppy <9000-USBF>



5. ISA bus interface

APL3700T don't have ISA bus interface

A. Find PCI card, instead of ISA card



6. PCI bus interface

APL3700T have 2 or 4 PCI bus interface, but PCI card size is different from 4715T

A. Find right length of PCI card for APL3700T

7. Parallel port

APL3700T don't have parallel port, and if you need parallel port,

A. Find a USB- parallel converter by yourself

B. Change printer interface to USB or Ethernet

8. PS/2 Mouse/Keypad ports

APL3700T don't have PS/2 mouse/keypad ports. Please use USB port instead

4715KPM(T)

Replacement of 4715KPM(T)

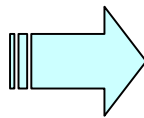
Replacement models: APL3700K

Panel cutout compatible

DO NOT require panel cutout adapter, so that APL3700K is a panel cutout compatible with 4715KPM(T).



4715KPM(T)



APL3700K

Spec. comparison 4715KPM(T)(Xycom) vs. APL3700K(Pro-face)

Differences are highlighted in red characters

	15" Touch with keypad, mouse	
	4715KPM(T)	APL3700K
Main Hardware		
Display	15.0" XGA (1024x768)	15.0" XGA (1024x768), 16,777,216 color
Mounting	Stud mounting	Clip mounting
Cutout	441.95(W)x314.20(H)x194.0(D)	2 slots model: 441.5(W)x313.5(H)x194.8(D) mm 4 slots model: 441.5(W)x313.5(H)x246.8(D) mm
CPU	CeleronM1.3GHz, Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	40GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000/NOS	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	4715KPM: No 4715KPM(T): Yes	Yes
Keypad	Yes	Yes
Mouse	Yes	Yes
Ports		
Slots	4 (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	5(2x USB2.0 rear, 1 USB1.1 front)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel		No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ^{*1}
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID, DC24V	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1. To use as an RGB interface, a separate converter or conversion cable is required.
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3700K: 60GB, 4715KPM(T): 80GB

HDD size is smaller than 4715KPM(T), if you need bigger size of HDD

- A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

- A. Change OS to Windows XP Pro.
- B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3700K don't have Floppy interface, and If you need Floppy interface,

- A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3700K don't have ISA bus interface

- A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3700K have 2 or 4 PCI bus interface, but PCI card size is different from 4715KPM(T)

- A. Find right length of PCI card for APL3700K

6. Parallel port

APL3700K don't have parallel port, and if you need parallel port,

- A. Find a USB- parallel converter by yourself
- B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3700K don't have PS/2 mouse/keypad ports. Please use USB port instead

1510

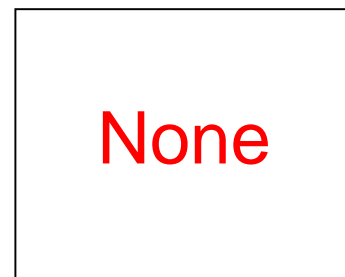
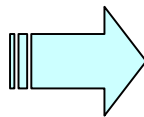
Replacement of 1510

Replacement models: None

Don't have direct replacement model



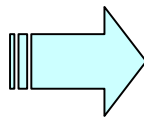
1510



But APL3000B is a preferable replacement model.



1510



APL3000B

Spec. comparison 1510(Xycom) vs. APL3000B(Pro-face)

Differences are highlighted in red characters

	Node Box PC	
	1510	APL3000B
Main Hardware		
Display	N/A	N/A
Size	177.0(W)x368.0(H)x407.9(D)	2slots model: 289(W)x243(H)x163(D) 4slots model: 289(W)x243(H)x214(D)
Mounting	Stud mouting	Stud mouting
CPU	Pentium 4 3.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80GB HDD	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000	XP
Optical Drive	CD RW (optional combo drive), DVD-RW)	DVD-RW
Floppy	1x Front FDD	No (Use External USB Floppy)
Touch	N/A	N/A
Ports		
Slots	10 slots (4 reserved for CPU, 6 remained) 2x ISA, 4x PCI	2x PCI or 4x PCI
USB	2(2.0)	5x USB2.0 (4x rear, 1x front)
Serial	2 (2xRS232)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x 10/100), (1x 10/100/1000)	2(1x 10/100), (1x 10/100/1000)
CF	0	1
Sound	In, Out, Mic	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ^{*1}
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Approvals	UL60950 and cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	No	RAID, DC 24V, WinGP
Warranty	1 year	2 year

*1 To use as an RGB interface, a separate converter or conversion cable is required
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3000B: 60GB, 1510: 80GB

HDD size is smaller than 1510, if you need bigger size of HDD

A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

A. Change OS to Windows XP Pro.

B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3000B don't have Floppy interface, and If you need Floppy interface,

A. Use external USB Floppy <9000-USBF>



4. Expansion slots interface

APL3000 only have 4 slots

A. Reduce Bus interface to 4 slots, (Use Ethernet or Serial interface)

APL3000B don have ISA bus interface

A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3000B have 2 or 4 PCI bus interface, but PCI card size is different from 1510.

A. Find right length of PCI card for APL3000B

6. Parallel port

APL3000B don't have parallel port, and if you need parallel port,

A. Find a USB- parallel converter by yourself

B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3000B don't have PS/2 mouse/keypad ports. Please use USB port instead

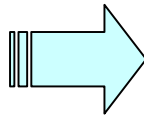
1546

Replacement of 1546

Replacement models: APL3000B



1546



APL3000B

Spec. comparison 1546(Xycom) vs. APL3000B(Pro-face)

Differences are highlighted in red characters

	Node Box PC	
	1546	APL3000B
Main Hardware		
Display	N/A	N/A
Size	291.3(W)x234.7(H)x146.1(D)	2slots model: 289(W)x243(H)x163(D) 4slots model: 289(W)x243(H)x214(D)
Mounting	Stud mouting	Stud mouting
CPU	CeleronM1.3GHz Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	N/A	N/A
Ports		
Slots	4 (3xPCI, 1xPCI or ISA)	2xPCI or 4xPCI
USB	4(2.0)	5xUSB2.0 (4xrear, 1xfront)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x10/100), (1x10/100/1000)	2(1x10/100), (1x10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1xPS2 Keyboard, 1xPS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ^{*1}
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1 To use as an RGB interface, a separate converter or conversion cable is required
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3000B: 60GB, 1546: 80GB

HDD size is smaller than 1546, if you need bigger size of HDD

B. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

A. Change OS to Windows XP Pro.

B. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3000B don't have Floppy interface, and If you need Floppy interface,

B. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3000B don't have ISA bus interface

C. Find PCI card, instead of ISA card



5. PCI bus interface

APL3000B have 2 or 4 PCI bus interface, but PCI card size is different from 1546.

D. Find right length of PCI card for APL3000B

6. Parallel port

APL3000B don't have parallel port, and if you need parallel port,

E. Find a USB- parallel converter by yourself

F. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3000B don't have PS/2 mouse/keypad ports. Please use USB port instead

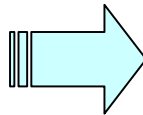
1547

Replacement of 1547

Replacement models: APL3000B



1547



APL3000B

Spec. comparison 1547(Xycom) vs. APL3000B(Pro-face)

Differences are highlighted in red characters

	Node Box PC	
	1547	APL3000B
Main Hardware		
Display	N/A	N/A
Size	436.37(W)x233.17(H)x139.2(D)	2slots model: 289(W)x243(H)x163(D) 4slots model: 289(W)x243(H)x214(D)
Mounting	Stud mouting	Stud mouting
CPU	CeleronM1.3GHz Pentium M2.0GHz	CeleronM1.86GHz Core Duo 2.0GHz
RAM	512M, 1G, 2G	1G, 2G, 4G
Hard Drive	80GB HDD (RAID option)	60GB HDD (Raid 1 option w/ soft mirror) 2 or 8GB CF-Card 16-128GB SSD
Operating System	XP/Windows 2000	XP
Optical Drive	CD ROM (optional combo drive, DVD-RW)	DVD-RW
Floppy	Optional	No (Use External USB Floppy)
Touch	N/A	N/A
Ports		
Slots	4 (3x PCI, 1x PCI or ISA)	2x PCI or 4x PCI
USB	4(2.0)	5x USB2.0 (4x rear, 1x front)
Serial	3 (2xRS232, 1xRS232/422/485)	4 (3xRS232, 1xRS232/422/485)
Parallel	1	No
Ethernet	2(1x10/100), (1x 10/100/1000)	2(1x10/100), (1x 10/100/1000)
CF	1	1
Sound	No	Speaker out
PS/2 Kbd/mouse	1x PS2 Keyboard, 1x PS2 mouse	No
Video Output	15 pin RGB	DVI-I (Support Analog RGB) ^{*1}
RAS	No	Yes (9 pin D-Sub Male)
PCMCIA	No	No
Environmental		
Operating Temperature	0-50C	With HDD: 5-50C Without HDD: 0-50C
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), cUL, CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	RAID, DC24V	RAID, DC 24V, WinGP
Warranty	2 year	2 year

Notes:

*1 To use as an RGB interface, a separate converter or conversion cable is required
DVI-I to RGB cable is not included with APL3000 unit.

Check points for the replacement

 : Important points to consider

1. HDD size

APL3000B: 60GB, 1547: 80GB

HDD size is smaller than 1547, if you need bigger size of HDD

A. Ask Pro-face America to do PM(Product Modification) to install bigger HDD

*PM: some fee is required.

2. OS

Windows2000 is not supported as a standard.

G. Change OS to Windows XP Pro.

H. Ask Pro-face America to do PM(Product Modification) to install Windows2000 Series.

*PM: some fee is required.

3. Floppy

APL3000B don't have Floppy interface, and If you need Floppy interface,

A. Use external USB Floppy <9000-USBF>



4. ISA bus interface

APL3000B don't have ISA bus interface

A. Find PCI card, instead of ISA card



5. PCI bus interface

APL3000B have 2 or 4 PCI bus interface, but PCI card size is different from 1547.

A. Find right length of PCI card for APL3000B

6. Parallel port

APL3000B don't have parallel port, and if you need parallel port,

A. Find a USB- parallel converter by yourself

B. Change printer interface to USB or Ethernet

7. PS/2 Mouse/Keypad ports

APL3000B don't have PS/2 mouse/keypad ports. Please use USB port instead

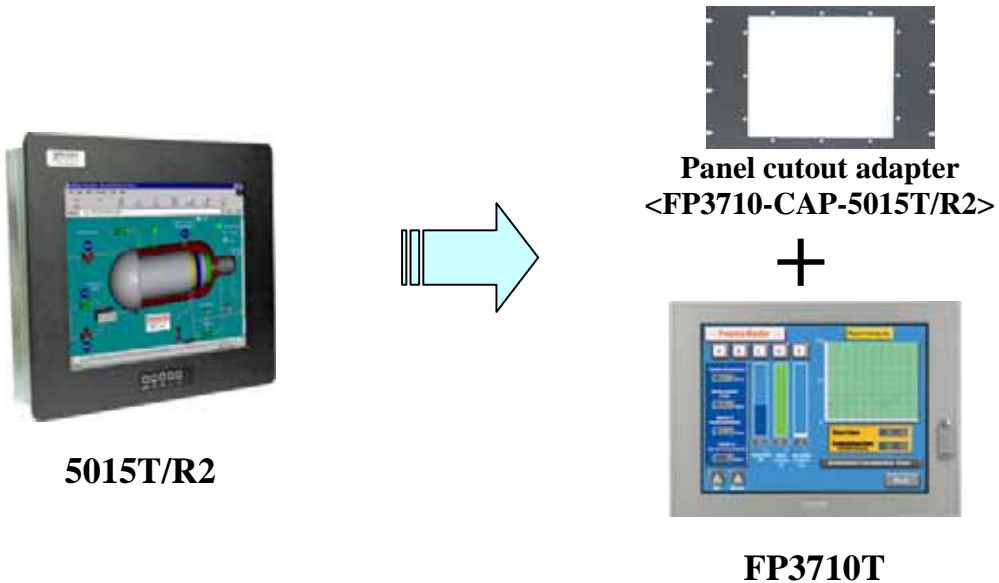
5015T/R2

Replacement of 5015T/R2

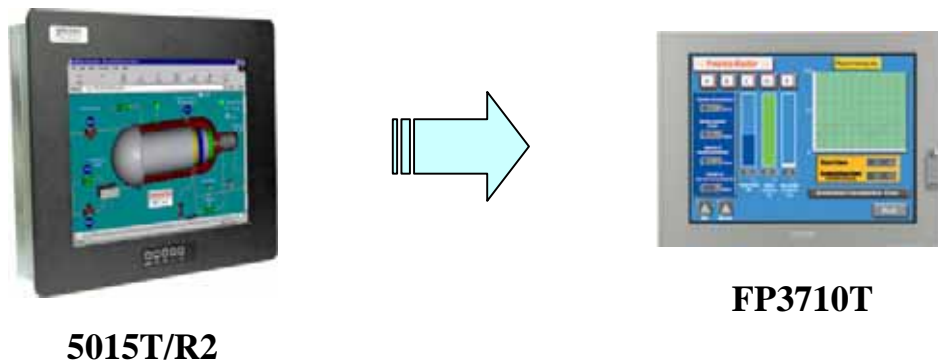
Replacement models: FP3710T

NOT panel cutout compatible → Use Panel cutout adapter to be same cutout

When you want to do drop out replacement, Panel cutout adapter are required



If you don't need to keep same panel cutout (creating new panel cutout), DO NOT require the panel cut adapter.



Spec. comparison 5015T/R2(Xycom) vs. FP3710T(Pro-face)

Differences are highlighted in red characters

	15" Touch	
	5015T/R2	FP3710
Main Hardware		
Display	15" TFT XGA (1024 x 768), 256K colors	15" TFT XGA (1024 x 768), 16 Million colors
Mounting	Clip mounting Vesa mounting	Clip mounting Vesa mounting
Cutout	388.6(W) x 324.1(H) x 72.3(D) mm	383.5(W) x 282.5(H) x 55(D) mm
Touch	Yes	Yes
Keypad	No	No
Mouse	No	No
Ports		
USB	No	FP3710-T42: No FP3710-T42-U: 1x Front USB
Touch Signal	1x Serial 1x USB	1x Serial 1x USB
PS/2 Kbd/mouse	No	No
Video Output	1x 15 pin RGB 1x DVI-I	1x 15 pin RGB 1x DVI-I
Environmental		
Operating Temperature	0-50C	0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I and II, Div 2), CSA (cUL approval), CE	UL 508 (listed), CSA (cUL approval), CE, RoHS
Options	DC24V, Stainless Steel Bezel	None

Check points for the replacement

 : Important points to consider

1. Panel Cutout

Use panel cutout adapter to be same panel cutout as 5015T/R2.

2. Certifications (Hazard Locations)

FP3710T don't have Class 1, Div.2 certification.

3. Power Supply

FP3710T don't have DC 24V model

- A. Use AC 100-240V model, instead of DC 24V
- B. Find separated AC-DC converter by yourself
- C. Ask Pro-face America to do PM(Product Modification) to ship with separated AC-DC converter. *PM: some fee is required.

4. Stainless Steel Bezel

FP3710T don't have Stainless Steel Bezel options.

- A. Keep Using 5015T/R2-SS model as much as possible
- B. No need to use Stainless Steel Bezel. Although FP3710 is aluminum bezel, it is specially-treated surface. So the surface could strong against some chemicals.
See following test results data.

Test item	Conditions	Required quality	Results	Judge
Hardness	Pencil scratch	More than F	H	Pass
adhesion	Grid test	100/100(width;1mm)	100/100	Pass
Impact-resistance	Drop 500+-5g of weight on the coated side from the height,50cm	No error	No error	Pass
Alkali-resistance	0.1N NaOH aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Acidity-resistance	0.1N H2SO4 aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Oil-resistance	Usual temperature JIS K2219 Type 3 No.2 gear oil 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Gasoline-resistance	In gasoline 1H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Humidity-resistance	50±1 centigrade 98±2% RH electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Water-resistance	In 40 centigrade hot water Electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Saltwater spray-resistance	35 centigrade 5% NaCl aq continuous spray 120H	No error outside of 1.0mm on one side from a cross-cut part	No error	Pass
Weather-resistance	S.W.O.M. 400H	The rate of saving gloss: more than 80% No color change, no choking The second adhesion: 100/100 (width;1mm)	No error	Pass

S.W.O.M: Sunshine Weather-O-Meter

5015KPM(T)

Replacement of 5015KPM(T)

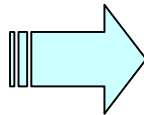
Replacement models: FP3710K

Panel cutout compatible

DO NOT require panel cutout adapter, so that FP3710K is a panel cutout compatible with 5015KPM(T).



5015KPM(T)



FP3710K

Spec. comparison 5015KPMT(Xycom) vs. FP3710K(Pro-face)

Differences are highlighted in red characters

	15" Touch with keypad, mouse	
	5015KPM(T)	FP3710K
Main Hardware		
Display	15" TFT XGA (1024 x 768), 16 Million colors	15" TFT XGA (1024 x 768), 16 Million colors
Mounting	Stud mounting	Clip mounting Vesa mounting
Cutout	441.96(W)x314.20(H)x55.12(D) mm	441.5(W)x313.5(H)x53(D) mm
Touch	5015KPM: No 5015KPMT: Yes	Yes
Keypad	Yes	Yes
Mouse	Yes	Yes
Ports		
USB	1x Front USB	1x Front USB
Touch Signal	1x Serial	1x Serial 1x USB
PS/2 Kbd/mouse	1x Front PS/2 for Mouse 1x Front PS/2 for Keypad	No
Video Output	1x 15 pin RGB	1x 15 pin RGB 1x DVI-I
Environmental		
Operating Temperature	0-50C	0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), CSA (cUL approval), CE	UL 508 (listed), ANSI/ISA-12.12.01- 2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	DC24V	None
Warranty	2 year	2 year

Check points for the replacement



1. Power Supply

FP3710K don't have DC 24V model

- A. Use AC 100-240V model, instead of DC 24V
- B. Find separated AC-DC converter by yourself
- C. Ask Pro-face America to do PM(Product Modification) to ship with separated AC-DC converter. *PM: some fee is required.



: Important points to consider

5017T

Replacement of 5017T

Replacement models: FP3900T

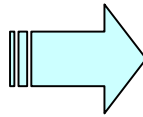
NOT panel cutout compatible

Customer need to change the panel cutout of their machines or facilities.
 (* There is no panel cutout adapter)

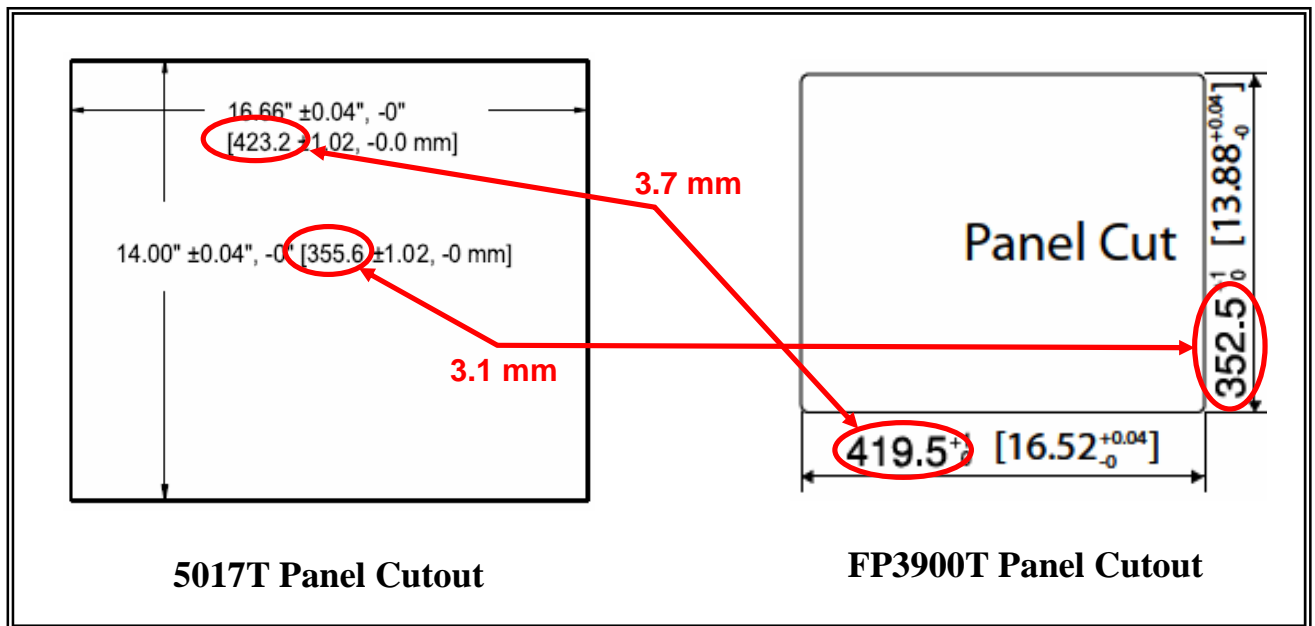
But the panel cutout is quite similar each other, FP3900T might fit existing 5017T whole.



5017T



FP3900T



Spec. comparison 5017T(Xycom) vs. FP3900T(Pro-face)

Differences are highlighted in red characters

	17" Touch	19" Touch
	5017	FP3900
Main Hardware		
Display	17" TFT SXGA (1280 x 1024), 16 Million colors	19" TFT SXGA (1280 x 1024), 16 Million colors
Mounting	Clip mounting, VESA mounting	Clip mounting, VESA mounting
Cutout	423.2(W) x 355.6(H) x 73.66(D) mm	419.5(W) x 352.5(H) x 65(D) mm
Touch	Yes	Yes
Keypad	No	No
Mouse	No	No
Ports		
USB	No	FP3900-T41-U: 1x Front USB FP3900-T41: None
Touch Signal	1x Serial 1x USB	1x Serial 1x USB
PS/2 Kbd/mouse	No	No
Video Output	1x 15 pin RGB 1x DVI-I	1x 15 pin RGB 1x DVI-I
Environmental		
Operating Temperature	0-50C	0-50C
Rating	NEMA 4/4x12	NEMA 4/4x12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), CSA (cUL approval), CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class 1, Div.2), CE, CSA (cUL approval), RoHS
Options	DC24V, Stainless Steel Bezel	N/A
Warranty	2 year	2 year

Check points for the replacement



1. Panel Cutout

- Panel cutout is slightly different. Try if FP3900T will fit existing 5017T hole, if it will not fit,
- A. Create an adapter to make it fit existing hole
 - B. Create new cabinet with new hole



: Important points to consider



2. Power Supply

- FP3900T don't have DC 24V model
- D. Use AC 100-240V model, instead of DC 24V
 - E. Find separated AC-DC converter by yourself
 - F. Ask Pro-face America to do PM(Product Modification) to ship with separated AC-DC converter. *PM: some fee is required.



3. Stainless Steel Bezel

- FP3900T don't have Stainless Steel Bezel options.
- C. Use 5019T-SS model, instead of 5017T-SS
 - D. No need to use Stainless Steel Bezel. Although FP3900 is aluminum bezel, it is specially-treated surface. So the surface could strong against some chemicals. See following test results data.

Test item	Conditions	Required quality	Results	Judge
Hardness	Pencil scratch	More than F	H	Pass
adhesion	Grid test	100/100(width;1mm)	100/100	Pass
Impact-resistance	Drop 500+-5g of weight on the coated side from the height,50cm	No error	No error	Pass
Alkali-resistance	0.1N NaOH aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Acidity-resistance	0.1N H2SO4 aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Oil-resistance	Usual temperature JIS K2219 Type 3 No.2 gear oil 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Gasoline-resistance	In gasoline 1H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Humidity-resistance	50±1 centigrade 98±2% RH electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Water-resistance	In 40 centigrade hot water Electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Saltwater spray-resistance	35 centigrade 5% NaCl aq continuous spray 120H	No error outside of 1.0mm on one side from a cross-cut part	No error	Pass
Weather-resistance	S.W.O.M. 400H	The rate of saving gloss: more than 80% No color change, no choking The second adhesion: 100/100 (width;1mm)	No error	Pass

S.W.O.M: Sunshine Weather-O-Meter

5019T

Replacement of 5019T

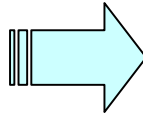
Replacement models: FP3900T

NOT panel cutout compatible → Use Panel cutout adapter to be same cutout

When you want to do drop out replacement, Panel cutout adapter are required



5019T



**Panel cutout adapter
<FP3900-CAP-5019T>**

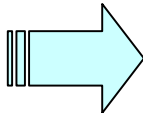


FP3900T

If you don't need to keep same panel cutout (creating new panel cutout), DO NOT require the panel cut adapter.



5019T



FP3900T

Spec. comparison 5019T(Xycom) vs. FP3900T(Pro-face)

Differences are highlighted in red characters

	19" Touch	
	5019	FP3900
Main Hardware		
Display	19" TFT SXGA (1280 x 1024), 16 Million colors	19" TFT SXGA (1280 x 1024), 16 Million colors
Mounting	Clip mounting, VESA mounting	Clip mounting, VESA mounting
Cutout ^{*1}	451.9(W)x380.5(H)x72.39(D) mm	419.5(W) x 352.5(H) x 65(D) mm
Touch	Yes	Yes
Keypad	No	No
Mouse	No	No
Ports		
USB	No	FP3900-T41-U: 1x Front USB FP3900-T41: None
Touch Signal	1x Serial 1x USB	1x Serial 1x USB
PS/2 Kbd/mouse	No	No
Video Output	1x 15 pin RGB 1x DVI-I	1x 15 pin RGB 1x DVI-I
Environmental		
Operating Temperature	0-50C	0-50C
Rating	NEMA 4/4x/12	NEMA 4/4x/12
Approvals	UL508 Listed and UL1604 Listed (Class I, Div 2), CSA (cUL approval), CE	UL 508 (listed), ANSI/ISA-12.12.01-2007 (Class1, Div.2), CE, CSA (cUL approval), RoHS
Options	DC24V, Stainless Steel Bezel	N/A
Warranty	2 year	2 year

Notes:

*1. To replace 5019T with an FP3900T unit, an adapter plate is required. <Part No: FP3900-CAP-5019T>

Check points for the replacement

 : Important points to consider

1. Panel Cutout

Use panel cutout adapter to be same panel cutout as 5019T.



2. Power Supply

FP3900T don't have DC 24V model

- A. Use AC 100-240V model, instead of DC 24V
- B. Find separated AC-DC converter by yourself
- C. Ask Pro-face America to do PM(Product Modification) to ship with separated AC-DC converter. *PM: some fee is required



3. Stainless Steel Bezel

FP3900T don't have Stainless Steel Bezel options.

- A. Keep Using 5019T-SS model as much as possible.
- B. No need to use Stainless Steel Bezel. Although FP3900 is aluminum bezel, it is specially-treated surface. So the surface could strong against some chemicals. See following test results data.

Test item	Conditions	Required quality	Results	Judge
Hardness	Pencil scratch	More than F	H	Pass
adhesion	Grid test	100/100(width;1mm)	100/100	Pass
Impact-resistance	Drop 500+-5g of weight on the coated side from the height,50cm	No error	No error	Pass
Alkali-resistance	0.1N NaOH aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Acidity-resistance	0.1N H2SO4 aq 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Oil-resistance	Usual temperature JIS K2219 Type 3 No.2 gear oil 24H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Gasoline-resistance	In gasoline 1H soaked	Evaluate peeling, swelling, breaking, softening, color change of the coating film	No error	Pass
Humidity-resistance	50±1 centigrade 98±2% RH electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Water-resistance	In 40 centigrade hot water Electrodeposition coating 240H	No blister breaks out The second adhesion: 100/100 (width;1mm)	No error	Pass
Saltwater spray-resistance	35 centigrade 5% NaCl aq continuous spray 120H	No error outside of 1.0mm on one side from a cross-cut part	No error	Pass
Weather-resistance	S.W.O.M. 400H	The rate of saving gloss: more than 80% No color change, no choking The second adhesion: 100/100 (width;1mm)	No error	Pass

S.W.O.M: Sunshine Weather-O-Meter