

PPC-5150A/5170A/5190A

Intel® Core™ 2 Duo/ Celeron® D Panel PC with 15" to 19" TFT LCD and Touch Screen



▲ PPC-5150A/9455



▲ PPC-5170A/9455



▲ PPC-5190A/9455

Features

1. Complete size 15"~19" TFT LCD all in one PC solution
2. LGA 775 Intel® Core™ 2 Duo/ Celeron® D FSB 533/800/1066 MHz processor
3. Supports two 2.0 GB (max.) 667 MHz DDR2 DIMM
4. Dual Gigabit Ethernet support
5. Additional PCI expansion slot capacity
6. Lockable power connector to ensure secure power cable connection
7. Easily accessible external AT/ATX mode selection switch
8. External CMOS reset button for fast system recovery
9. One Compact Flash® Type II socket
10. IP 65 compliant aluminum front panel



IP 65 Compliant



Touch Screen



VESA Mounting



High Brightness

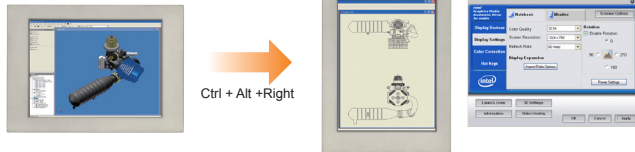
Specifications

Model	PPC-5150A/9455	PPC-5170A/9455	PPC-5190A/9455
LCD	Resolution : 1024x768 (XGA) Brightness : 350 cd/m ² Contrast Ratio : 700:1 Viewing Angle (H-V):140/125 Backlight MTBF : 50,000 hrs	Resolution : 1280x1024 (SXGA) Brightness : 300 cd/m ² Contrast Ratio : 800:1 Viewing Angle (H-V):160/160 Backlight MTBF : 50,000 hrs	Resolution : 1280x1024 (SXGA) Brightness : 300 cd/m ² Contrast Ratio : 800:1 Viewing Angle (H-V):160/160 Backlight MTBF : 50,000 hrs
CPU	LGA 775 Intel® Core™2 Duo/ Celeron® D with a 533/800/1066 MHz		
Chipset	Intel® 945G + ICH7		
Memory	2 x 2 GB (max.) DDR2 DIMM (system max. 4 GB)		
VGA	Intel® 945G supports dual display		
SSD	One CF Type II socket		
Drive Bay	1 x 2.5" SATA II HDD bays with anti-shock 1 x Slim Type CD-ROM bay		
Ethernet	2 x Broadcom BCM5787M PCIe GbE controllers with ASF2.0 remote control support		
Audio	HD Audio Realtek ALC883		
I/O	1 x RS-232/422/485 4 x RS-232 4 x USB 2.0 2 x PS/2 (KB/MS) 1 x LPT 1 x VGA out 2 x LAN 3 x Audio (Lin-in, Line-out, MIC-in) 1 x CMOS reset button 1 x AT/ATX switch		1 x RS-232/422/485 4 x RS-232 6 x USB 2.0 2 x PS/2 (KB/MS) 1 x LPT 1 x VGA out 2 x LAN 3 x Audio (Lin-in, Line-out, MIC-in) 1 x CMOS reset button 1 x AT/ATX switch
Expansion Slot	1 x PCI slot, 1 x PCIe mini Card		
Touch Screen	5-wire resistive type with RS-232 interface		
Operating Temperature	0° C ~ 50° C		
Storage Temperature	-20° C ~ 60° C		
Vibration	-5~17Hz 0.1" double amplitude displacement, 17~640 Hz 1.5G acceleration peak to peak		
Shock	10G acceleration peak to peak. (11 ms)		
Relative Humidity	5%~ 95% @ 60°C, non-condensing		
Net / Gross Weight	7 kg / 11 kg	8 kg / 12 kg	12.6 kg / 18.2 kg
Dimensions (W x H x D)	410 mm x 309 mm x 110.5 mm	452 mm x 356 mm x 115 mm	483 mm x 399 mm x 115.2 mm
Power Supply	ATX AC-input	AC Input ATX Power Supply 180W, ACE-A618A-RS - Input: 90 ~ 264VAC @ 50/60Hz - Output (max.): 3.3V@14A, 5V@16A, 12V@14A, -12V@0.5A	
	ATX DC-input	DC Input ATX Power Supply- 200W, ACE-4520C-RS- Input: 24VDC @ 50/60Hz- Output (max.): 3.3V@12A, 5V@12A, 12V@15.4A, -12V@0.5A	
Front Panel Protection	IP 65 compliant		
Certificate	Meets CE, FCC		

Screen Rotation for More Flexibility

PPC-51XXA supports screen rotation function. It's integrated in the Intel windows drivers and could be easily adjusted by GUI or hot keys. Collocating with rotational VESA mount arms, user can switch the screen status to feet needed anytime, or even more, combine dual independent display function to get more convenience.

PPC Rotation



With these keystrokes, you can rotate the PPC-51XXA screen any of the four directions (0°/90°/180°/270°), not just toggle between the single portrait and landscape orientations.

Second Display Rotation

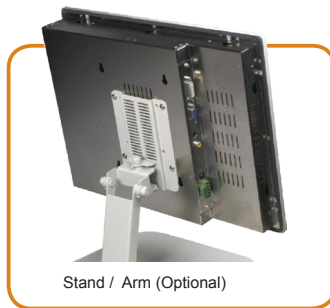


Rotate the second screen of the two directions (0°/180°) provided by the GUI.

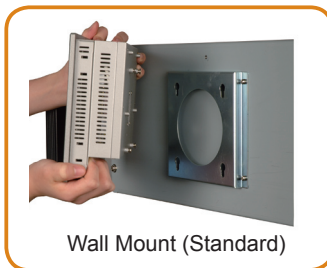
IQ Mount Supporting List



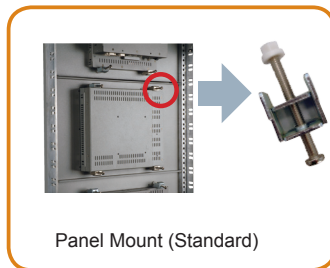
Rack Mount (Optional)



Stand / Arm (Optional)



Wall Mount (Standard)



Panel Mount (Standard)

Options

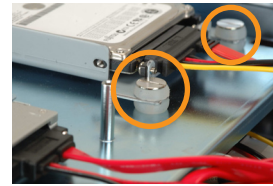
	PPC-5150A/9455	PPC-5170A/9455	PPC-5190A/9455
Wall Mount	WK-190MS-R10		
Panel Mount	PK-170M		PK-190M
Rack Mount	RK-150MS-R10	RK-170MS-R10	RK-190MS-R10
Stand	STAND-210-RS		
ARM	ARM-31-RS		

Power Supply Options

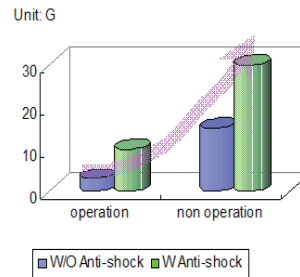
Type	Model No.	Watt	Remark
ATX AC-input	ACE-A618A	180W	
ATX AC-input	ACE-A622A	220W	
ATX DC-input	ACE-4520C-RS	200W	24V DC input

Anti-Shock Protection

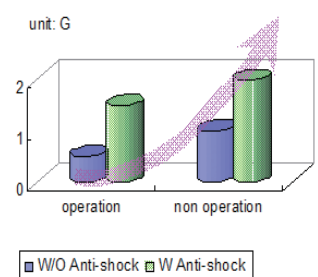
All new Anti-shock design enhances protection performance of hard drives dramatically in terms of shock and vibration tests.



Shock Test



Vibration Test



Security Design



1. User-accessible CF

PPC has a CF slot on the bottom panel making installing and replacing CF cards easy.

2. Securing Your CF Card

PPC has a CF slot on the bottom panel. A security door on the PPC protects the CF card from being stolen in public places.

3. Lockable Power Cord

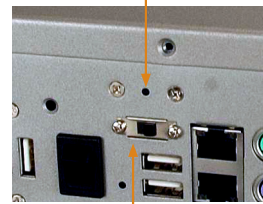
Power plug lock keeps power cable securely in place.

User Friendly Design

1. CMOS Reset button

The CMOS reset button forces the BIOS to be reset to its default values for the following reasons:

- Fast BIOS updating
- Hard device conflicts slows down or disrupts system operation



Restoring default system settings!



2. AT/ATX mode switch

Easily select the AT or ATX power mode with an easily accessed switch.

Production Line



AT power mode allows multiple panel PCs automatically start when the central power unit is connected.

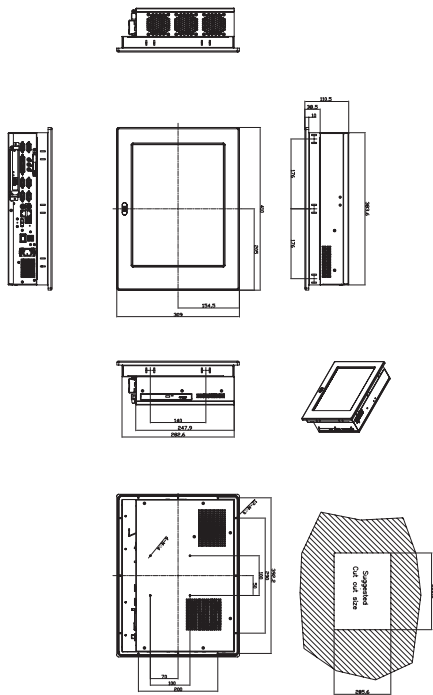
General Ticketing Machine (GTM)



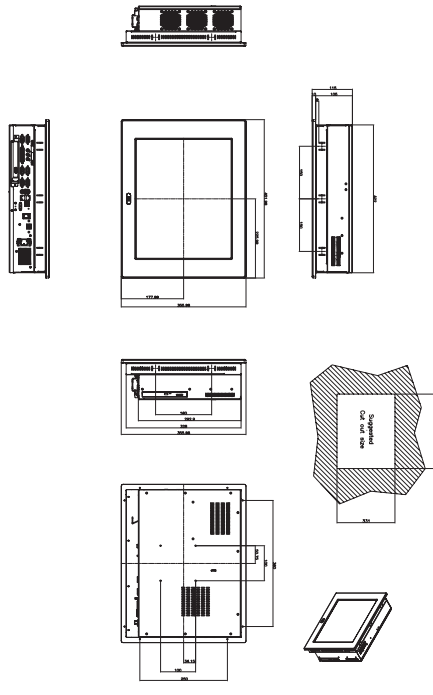
The ATX power mode allows the panel PCs to be turned on/off remotely via network.

Dimensions (Unit: mm)

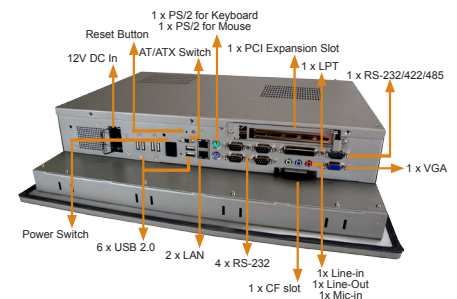
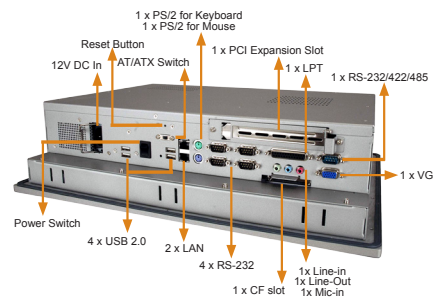
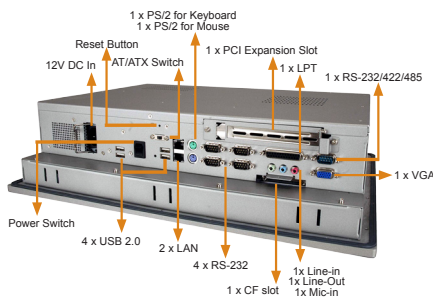
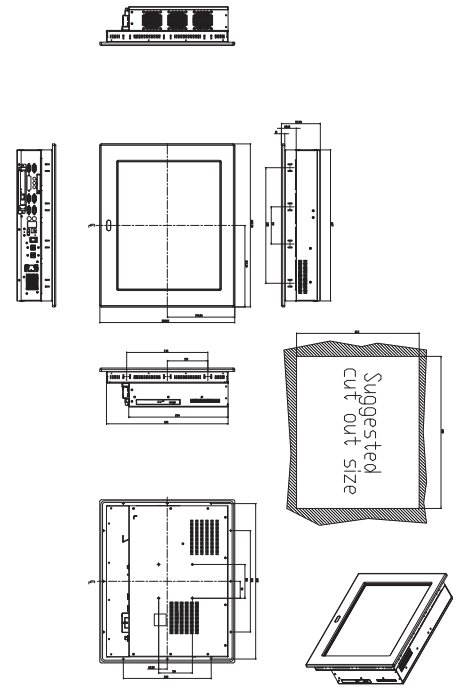
▼ **PPC-5150A/9455**



▼ **PPC-5170A/9455**



▼ **PPC-5190A/9455**



Packing List

Description	Q'ty	Description	Q'ty
Screw Kit	1	Wall Mounting Kit	1
Power Cord	1	HDD SATA Cable	1
Jumper Pack	1	CD-ROM SATA Cable	1
Panel Mounting Kit for PPC-5150A/PPC-5170A Panel Mounting Kit for PPC-5190A	1	CD-ROM Installation Kit	1
Touch Screen Driver CD/Touch Pen	1	User Manual & Driver CD	1

Ordering Information

15" XGA Touch Panel PC

PPC-5150A/9455-E2160/4520C/T-R/1GB	15" 350 cd/m ² XGA Panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1 GB DDR2 SDRAM, Cool Gray color, PSU ACE-4520C, touch screen, ,RoHS
PPC-5150A/9455-E2160/A618A/T-R/1GB	15" 350 cd/m ² XGA Panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1 GB DDR2 SD SDRAM, Cool Gray color, PSU ACE-A618AP, touch screen, RoHS

17" SXGA Touch Panel PC

PPC-5170A/9455-E2160/4520C/T-R/1GB	17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1 GB DDR2 SDRAM, Cool Gray color, PSU ACE-4520C, touch screen, ,RoHS
PPC-5170A/9455-E2160/A622A/T-R/1GB	17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1GB DDR2 SDRAM, Cool Gray color, PSU ACE-A622A, touch screen, RoHS

19" SXGA Touch Panel PC

PPC-5190A/9455-E2160/4520C/T-R/1GB	19" 300 cd/m ² SXGA panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1 GB DDR2 SDRAM, Cool Gray color, PSU ACE-4520C, touch screen, ,RoHS
PPC-5190A/9455-E2160/A622A/T-R/1GB	19" 300 cd/m ² SXGA panel PC with POS-9455, Pentium® Dual-Core E2160 1.8 GHz CPU, 1 GB DDR2 SDRAM, Cool Gray color, PSU ACE-A622A, touch screen, RoHS