

15" Industrial Panel PC

PPC-5150A-H61

Intel® Core™ i7/ i5/ i3, Pentium® and Celeron® Processor



PPC-5150A/9455

Intel® Core™ 2 Duo Processor with Intel® 945G Platform



- High brightness TFT-LCD panel with LED backlight
- Multiple storage options: 2.5" SATA HDD, CF slot, and mSATA
- Dual Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
- Optional PCI / PCIe x 1 expansion slot
- Optional slim type CD-ROM drive bay
- Robust aluminum front bezel and metal casing
- IP 66 compliant front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Over 4GB storage capacity)



Specifications

Model		PPC-5150A-H61	PPC-5150A/9455
Display	LCD Size	15"	
	Max Resolution	1024(W) x 768(H)	
	Brightness (cd/m ²)	400	350
	Contrast Ratio	700 : 1	
	LCD Color	16.2M	
	Pixel Pitch (mm) (HxV)	0.297(H) x 0.297(V)	
	Viewing Angle (V/H)	140°/160°	125°/ 140°
	Backlight MTBF (hrs)	50000	
Touch	Touch Screen	Resistive Type 5-Wire with RS-232 interface	
	Touch Controller	DMC 9000	DMC 9000
Motherboard	SBC	POS-H61	POS-9455
	CPU	2nd/3rd Generation Intel® Core™ i7/ i5/ i3, Pentium® and Celeron® processor	LGA 775 Socket with Intel® Core™ 2 Duo, Celeron® D with 533/800/1066 MHz
	Chipset	Intel® H61	Intel® 945G + ICH7R
	RAM	Two 204-pin DDR3 SO-DIMM slots (Max. 16G)	Two 240-pin DIMM socket, supporting DDR2 400/533/667MHz modules (Max. 4G)
	Ethernet	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0	
	Audio Codec	Realtek ALC662 audio codec	Realtek ALC888 audio codec
I/O Ports and Switches		4 x RS-232 COM Port 1 x RS-232/422/485 Port 2 x RJ-45 for LAN Port 4 x USB 2.0, 2 x USB 3.0 on rear 1 x VGA Port	2 x PS/2 mouse and keyboard interface 1 x LPT 1 x Power Switch 1 x AT / ATX Switch 1 x CMOS reset button
		1 x Audio (Line-out, MIC-in) 2 x SFP Fiber LAN 1 x Power Switch 1 x AT / ATX Switch 1 x PCI/PCIe Slot	4 x RS-232 1 x RS-232/422/485 2 x RJ-45 for LAN Port 4 x USB 2.0 1 x VGA Port 1 x Line-in, 1 x Line-out, 1 x Mic-in
	HDD Driver Bay	1 x 2.5" SATA/IDE HDD bay with anti-shock	
	SSD	CF Type II, mSATA	CF Type II
	CD-ROM Driver Bay	SATA Slim Type CD-ROM Bay	
Expansion Slot		Either 1 x PCI slot or 1 x PCIe slot,	Either 1 x PCI or PCIe x1 expansion slot (PCI riser card built-in, optional PCIe x1 riser card)
		1 x PCIe Mini card	1 x PCIe Mini card
Physical	Front Panel Construction	Aluminum	Aluminum die-casting
	Chassis Construction	Heavy-duty Steel	Heavy-duty steel (SECC)
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm	
	Front Panel Color	Silver (Pantone 8001C)	
	Dimensions (WxHxD) (mm)	410 x 309 x 110.5	410 x 309 x 110.5
	Cut Out Dimensions (WxH) (mm)	387 x 286	
	Net/Gross Weight	7 Kg / 11 Kg	
Environment	Operating Temperature	-20°C ~ 60°C	-10°C~50°C
	Storage Temperature	-30°C ~ 70°C	
	System Cooling	Active with Fan	
	Vibration	5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak	
	Shock	10G acceleration part to part (11ms)	
	IP Rating	Front IP66 Compliant	Front IP65 Compliant
Power Supply	AC Input	AC Input ATX power supply - P/N: 63000-ACEA622A166-RS - 220W power supply - Input: 90VAC~264VAC, 50/60Hz - Output(max.): 3.3V@14A, 5V@16A, 12V@10A, -12V@0.8A	P/N: 63000-ACEA618APPC-RS -180W Power Supply - Input: 90VAC~264VAC, 50/60Hz - Output(max.): 3.3A@14A, 5V@16A, 12V@14A, 12V@0.5A
	DC Input	DC Input ATX power supply - P/N: ACE-4520C-RS - 200W power supply - Input: 24 VDC(18~36 VDC) - Output(max.): 3.3V@12A, 5V@12A, 12V@15.4A, -12V@0.5A	P/N: ACE-4520C-RS, 200W power supply - Input: 24 VDC(18~36 VDC) - Output(max.): 3.3A@12A, 5V@12A, 12V@15.4A, -12V@0.5A

- 1 IEI Mobile Solutions
- 2 Automation Panel Solutions
- 3 PACSmate Medical Solutions
- 4 Optional Peripherals

Ordering Information

Part No.	Description
Intel® H61 Platform	PPC-5150A-H61-P/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Pentium Dual Core G6xxT (Above 2.2GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-A622A, touch screen, RoHS
	PPC-5150AD-H61-P/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Pentium Dual Core G6xxT (Above 2.2GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-4520C, touch screen, RoHS
	PPC-5150A-H61-i3/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-A622A, touch screen, RoHS
	PPC-5150AD-H61-i3/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-4520C, touch screen, RoHS
	PPC-5150A-H61-i5/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Core i5 Dual Core 2xxxTCPU (Above 2.7GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-A622A, touch screen, RoHS
	PPC-5150AD-H61-i5/R-R10 15" 400 cd/m ² XGA Panel PC with POS-H61, Core i5 Dual Core 2xxxTCPU (Above 2.7GHz), TDP 35W, 2GB DDR3 RAM*2, Silver color, PSU ACE-4520C, touch screen, RoHS
Intel® 945G Platform	PPC-5150A-R11/9455-E2160/A618A/T-R/1GB 15" 350 cd/m ² XGA Panel PC with POS-9455 R11 version, Pentium® Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, Silver color, PSU ACE-A618AP, touch screen, RoHS
	PPC-5150A-R11/9455-E2160/4520C/T-R/1GB 15" 350 cd/m ² XGA Panel PC with POS-9455 R11 version, Pentium® Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, Silver color, PSU ACE-4520C, touch screen, RoHS
Riser Card	PCIR-01H-R10 1-Slot PCI riser card
	PCIER-101H-R10 1-Slot PCIe x 1 riser card

Packing List

Item	Part No.	Description
SATA CD-ROM Cable	32803-000300-100-RS	SLIMLINE SATA 7+6 P TO SATA 7P /4P POWER, L=200/150mm.
Power Cord	32000-000002-RS	EUROPEAN Standard, 1830MM, PLUG(16A 250V), CONNECTOR(10A 250V)
Panel Mount Kit	19Z00-000024-RS	
Wall Mount Kit	41020-016102-00-RS	
IEI One Key Recovery CD	IEI-7B000-000478-RS	
Touch Pen		
User's Manual CD-ROM		

IQ Mounting Options

Item	Part No.
Rack Mount Kit	RK-150MS-R10
ARM	ARM-31-RS
STAND	STAND-210-R11

Options

Part Number	Description
19Z00-000112-RS	IDE CD-ROM Installation Kit (W/O IDE cable)
41019-0393C0-00-RS	IDE HDD Bracket
32200-000037-RS	25cm HDD IDE Cable
PPC-WL-KIT02-R10	Wi-Fi module with RF cable and antenna, 2T2R, 802.11 b/g/n for PPC-5150A-H61, PPC-5170A-H61
73400-AD7760H01-RS	Slim type SATA DVD-ROM

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IEIMobile Solutions

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Automation Panel Solutions

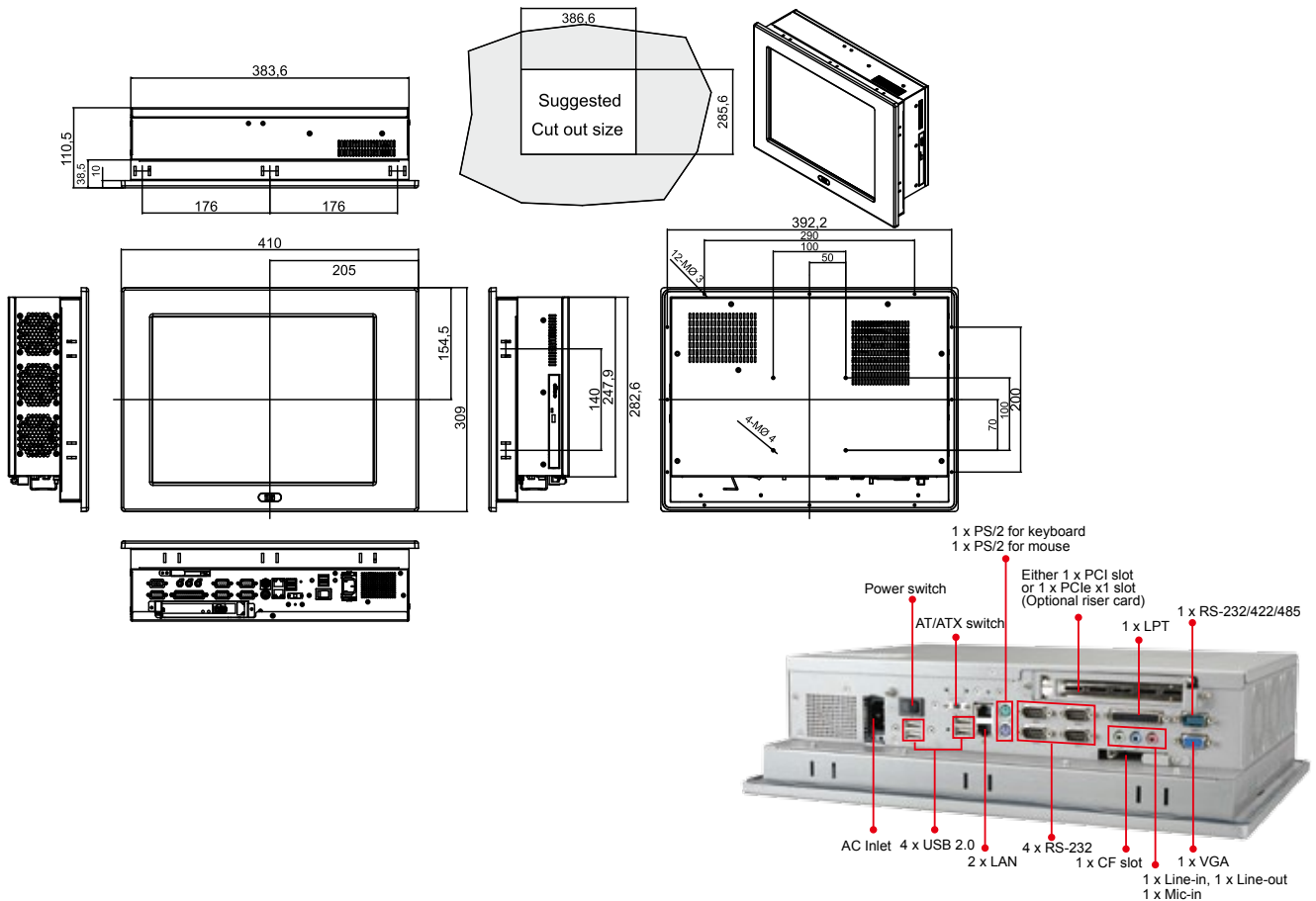
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Optional Peripherals

PPC-5150A Dimensions (Unit: mm)



PPC-5150A-H61 Dimensions (Unit: mm)

