

## 15" Industrial Panel PC

# PPC-5150A-H61

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

**New**

# PPC-5150A/9455

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



## Features

- Intel® H61 Express Chipset with 2nd/3rd generation Intel® Core™, Pentium® and Celeron® processor
- 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 PCIe Mini 802.11b/g/n wireless module
- Optional PCI / PCIe by 1 expansion slot
- Optional Slim type CD-ROM drive bay
- Robust aluminum front bezel and metal casing
- IP 66 compliant front panel for PPC-5150A-H61
- 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 <sup>2</sup> )	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	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0		Realtek RTL8111CP GbE controller	
	Touch controller	Realtek ALC662 audio codec		Realtek ALC888 audio codec	
Motherboard	SBC	POS-H61		POS-9455	
	CPU	2nd/3rd Generation Intel® Core™ 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		Realtek RTL8111CP GbE controller	
	Audio Codec	Realtek ALC662 audio codec		Realtek ALC888 audio codec	
I/O Ports and Switches		4 x RS-232 COM Port	1 x Audio (Line-out, MIC-in)	4 x RS-232	2 x PS/2 mouse and keyboard interface
		1 x RS-232/422/485 Port	2 x SFP Fiber LAN	1 x RS-232/422/485	
		2 x RJ-45 for LAN Port	1 x Power Switch	2 x RJ-45 for LAN Port	1 x LPT
		4 x USB 2.0, 2 x USB 3.0 on rear	1 x AT / ATX Switch	4 x USB 2.0	1 x Power Switch
		1 x VGA Port	1 x PCI/PCIe Slot	1 x VGA Port	1 x AT / ATX Switch
			1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x CMOS reset button	
Drive Bay	HDD Driver Bay	1 x 2.5" SATA/IDE HDD bay with anti-shock			
	SSD	CF Type II, mSATA (optional)		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	Construction Front Panel	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		387 x 286	
	Net Gross Weight	7 Kg / 11 Kg			
Environment	Operation Temperature	-20°C ~ 60°C		-10°C~50°C	
	Storage Temperature	-30°C ~ 70°C		-20°C~60°C	
	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	

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IEI Mobile Solutions

2

Automation Panel Solutions

3

RISC-based Solutions

4

PACSmate Medical Solutions

5

Optional Peripherals

## Ordering Information

Part No.	Description	
<b>Intel® H61 Platform</b>	PPC-5150A-H61-P/R-R10	15" 400 cd/m <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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
<b>Intel® 945G Platform</b>	PPC-5150A-R11/9455-E2160/A618A/T-R/1GB	15" 350 cd/m <sup>2</sup> 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 <sup>2</sup> 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
<b>Riser Card</b>	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 (for PPC-5150A series)
	WIDSRK-170MS-R10 (for WIDS-517A series)
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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