

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



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 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 | 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 |
| 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 | |

1
IEI Mobile Solutions

2
Automation Panel Solutions

3
RISC-based Solutions

4
PACSmate Medical Solutions

5
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 (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 |

1

IEI Mobile Solutions

2

Automation Panel Solutions

3

RISC-based Solutions

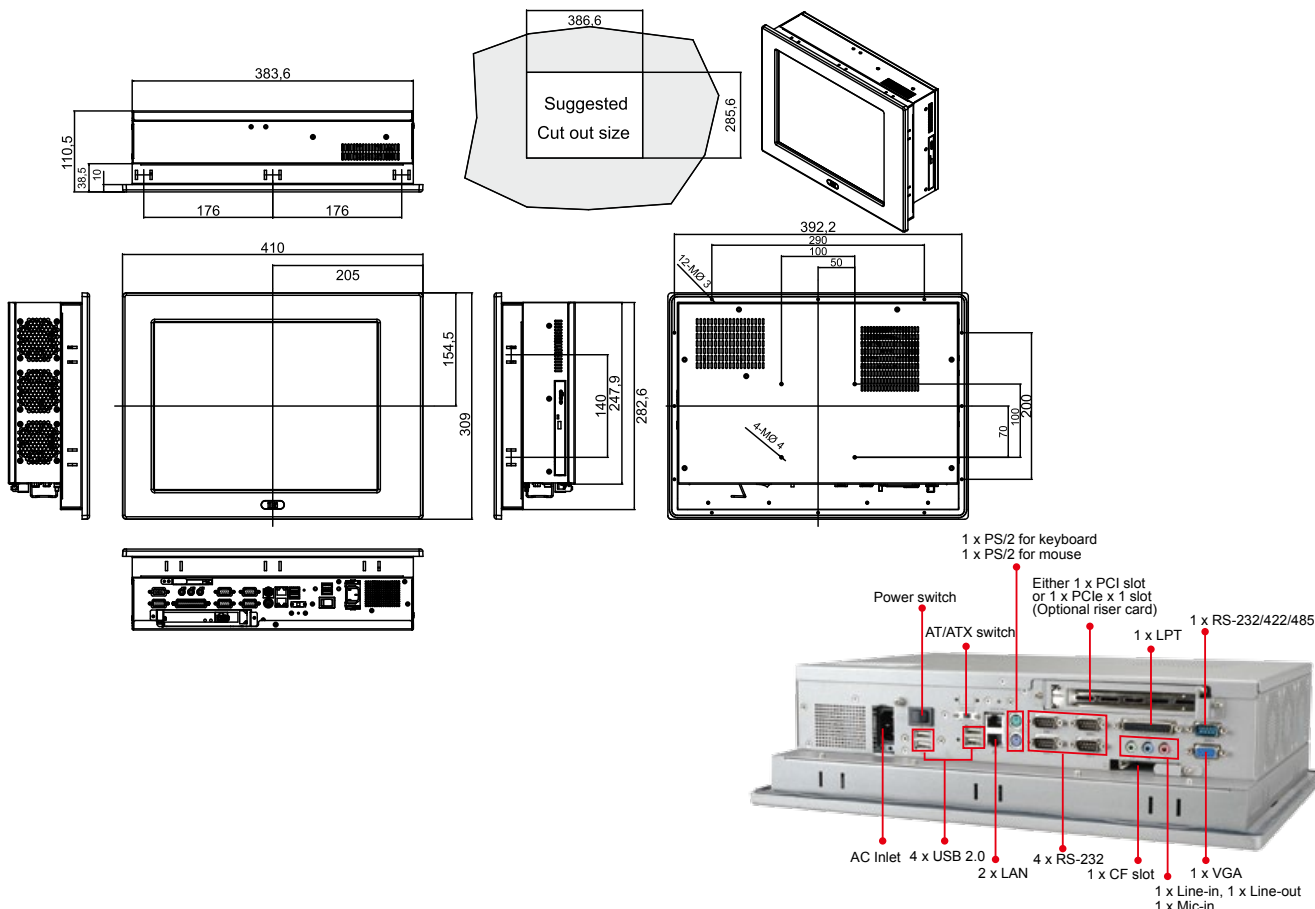
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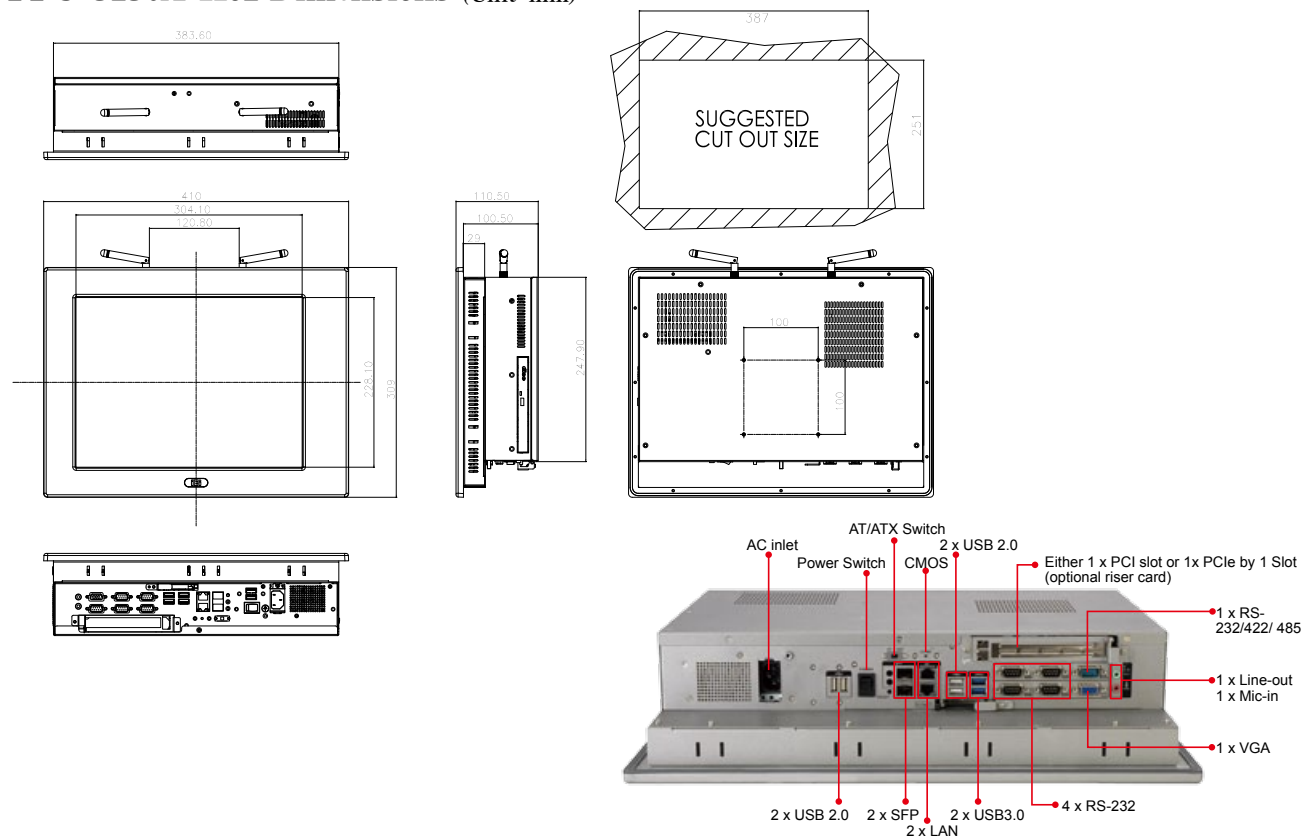
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Optional Peripherals

PPC-5150A Dimensions (Unit: mm)



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



1

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2

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PACSmart Medical Solutions

5

Optional Peripherals