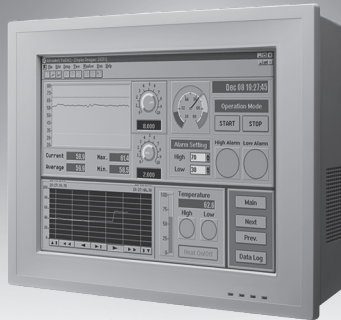


PPC-6150

15" Panel PC with Intel® Core™ i3 / i5 / Celeron® Processor

NEW



Features

- Intel® Core™ i3, i5, Celeron 1020E + Intel QM77 PCH
- 1X DDR3/DDR3L SODIMM supports to 8 GB
- Multiple expansion slots including one PCIe x4, one PCI + one PCIe x1, two PCI (optional) and two PCIe x1 (optional)
- Optional second HDD, supports Intel RAID
- One isolated RS-232/422/485 port; (selectable in by BIOS)
- One GPIO/RS-232 (8 channels, TTL level); (by swapping pin header)
- Dual GbE, supports Intel AMT8.0
- Supports iManager, SUSIAccess and Embedded Software APIs

Introduction

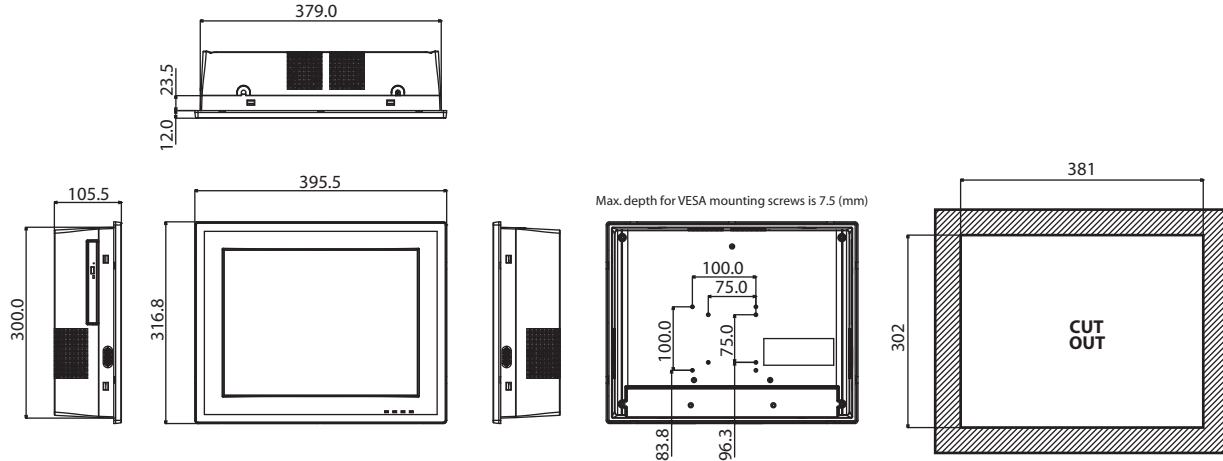
The PPC-6150 is a Panel PC with an Intel Core i3/i5 or Celeron processor, and a 15" color TFT LCD panel. It features extremely high computing power, modular design, excellent connectivity, and can support virtually any application. In addition, its user-friendly interface makes it a great host for information appliances. Two expansion slots, dual hard drives supporting Intel RAID, and one isolated RS-232/422/485 port make the PPC-6150 highly reliable, and provide a great solution for a wide range of applications.

Specifications

| | | | | |
|---------------------------------|--|--|----------------|---------------|
| Processor System | Intel | Core i5-3610ME | Core i3-3120ME | Celeron 1020E |
| | Frequency | 2.7 GHz | 2.4 GHz | 2.2 GHz |
| | L3 Cache | 4M | 3M | 2M |
| | Chipset | Intel QM77 | | |
| | Memory | 1 x 204-pin SODIMM, DDR3 (1600 MHz) / DDRL (1333 MHz), supports up to 8 GB | | |
| | Storage 1 | 1 x 2.5" SATA bay | | |
| | Storage 2 | Either one - Second 2.5" SATA bay (Intel RAID supported, optional) - Slim type 8X or above DVD +/- RW (optional) | | |
| | Network (LAN) | 2 x Gigabit Ethernet connectors, Intel AMT supported (GbE1- Intel 82579LM, GbE2 – Intel 82583V) | | |
| | I/O ports | - 4 x COM ports, 1 x isolated RS-232/422/485, 3 x RS-232 - 1 x GPIO/RS-232 (8 channels, TTL level); by pin header - 3 x USB3.0 + 2 x USB2.0 ports | | |
| | Expansion Slots | Either: - one PCI + one PCIe x1 (standard) - one x PCIe x4 (in the accessory box) | | |
| Additional Expansion | 1 x full-size mini PCIe (Supports mSATA) 1 x half-size mini PCIe | | | |
| Fan | Two 12V 60 x 60 x 13 (mm) with smart fan control, (70,000 hours continuous test @ 40° C) | | | |
| Physical Characteristics | Dimensions | 395.5 x 316.8 x 105.5 (mm) (15.6" x 12.5" x 4.15") | | |
| | Weight | 6.5 Kg (14.32lb) | | |
| OS Support | OS Support | Win XPE / Win XP Pro / WES7 32 & 64 bit / Windows 7 32 & 64 bit | | |
| Power Supply | Output Rating | 150 W (max.) | | |
| | Input Voltage | 100 - 240V _{ac} , 50/60Hz, 4-2A | | |
| | Power Consumption | With Core i5-3610ME is 61W With Core i3-3120ME is 50W With Celeron 847E is 48W (Burn-in test 7.0 in Windows 7 32-bit) | | |
| LCD Display | Display Type | 15" TFT LCD (LED Backlight) | | |
| | Max. Resolution | 1024 x 768 | | |
| | Colors | 262K | | |
| | Dot Size (mm) | 0.297 x 0.297 | | |
| | Viewing Angle | 80 (left), 80 (right), 70 (up), 70 (down) | | |
| | Luminance(cd/m2) | 350 | | |
| | Contrast Ratio | 700 | | |
| Backlight Lifetime | 50,000 hrs (typical) | | | |

Dimensions

Unit: mm



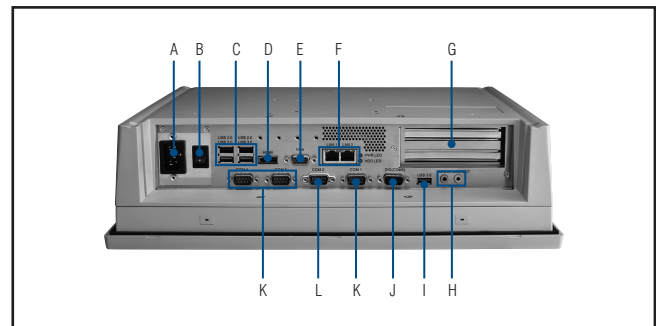
Specifications (Cont.)

| | | |
|--------------------|-------------------------|---|
| Touchscreen | Touch Type | Analog Resistive 5-wire |
| | Resolution | 2048 x 2048 |
| | Light Transmission | 81+/-3% |
| | Controller | RS-232 interface (COM5), USB interface is available as an option |
| | Software Driver Support | Windows 7, XP |
| | Durability (Touches) | 36 million |
| Environment | Operating Temperature | 0 ~ 50°C (32 ~ 122°F) |
| | Storage Temperature | -20 ~ 60°C (-4 ~ 140°F) |
| | Relative Humidity | 10 ~ 95% @ 40°C (non-condensing) |
| | Shock | Operating 10 G peak acceleration (11 ms duration), follows IEC 60068-2-27 |
| | Vibration | Operating Random Vibration Test 5-500Hz, 1Grms, follows IEC 60068-2-64 |
| | EMC | BSMI, CE, FCC Class A |
| | Safety | CB, CCC, BSMI, UL |
| | Front Panel Protection | IP65 compliant |

Ordering Information

| Part No. | Description |
|-----------------|--|
| PPC-6150-Ri5AE | Intel Core i5-3610ME (2.7G) Panel PC with 15" XGA LED backlight and 5-wire resistive T/S, w/o memory |
| PPC-6150-Ri3AE | Intel Core i3-3120ME (2.4G) Panel PC with 15" XGA LED backlight and 5-wire resistive T/S, w/o memory |
| PPC-6150-RC10AE | Intel Celeron 1020E (2.2G) Panel PC with 15" XGA LED backlight and 5-wire resistive T/S, w/o memory |
| PPC-6150-WLANE | WiFi Module with Intel 6205 supports 802.11 abgn, 2T2R |
| PPC-6150-PCIE | Riser card supports two PCI slots for PPC-6150/PPC-6170 |
| PPC-6150-PCIEE | Riser card supports two PCIe x1 slots for PPC-6150/PPC-6170 |
| PPC-6150-HDDE | Kit to install the second 2.5" SATA HDD for PPC-6150/PPC-6170, w/o HDD |
| PPC-6150-DVDE | Module with 8X SATA DVD-RW for PPC-6150/PPC-6170 |
| PPC-174T-WL-MTE | Wall mount kit for PPC series |
| PPC-ARM-A03 | PPC ARM VESA Standard |
| PPC-155T STAND | Stand kit for PPC-6150/PPC-6170 |
| 1702002605 | Power cord 90D 220V EUROPEAN 250V/6A, 1.8M |
| 1702002600 | Power cord UL/CSA(USA) 180D 125V/10A 1.83M |
| 2070011757 | WES7 E 32-bit (ENG/JPN/Simplified Chinese/Traditional Chinese), 4 languages with SUSI Access |
| 2070011758 | WES7 E 64-bit (ENG/JPN/Simplified Chinese/Traditional Chinese), 4 languages with SUSI Access |

I/O Placement



- A: AC Inlet
- B: Power Switch
- C: USB 3.0 x 2, USB 2.0 x 2
- D: HDMI
- E: VGA
- F: Gigabit Ethernet x 2
- G: 2 Expansion slots
- H: Line out/ Mic in
- I: USB 3.0 x 1
- J: GPIO / RS-232 (by swapping pin header)
- K: RS-232 x 3
- L: Isolated RS-232/422/485 (selecting by BIOS)