

IPPC-6152A IPPC-6172A IPPC-6192A

15" XGA, 17"/19" SXGA TFT LCD Core™ 2 Quad /
Core™ 2 Duo Industrial Panel PC with 2 x PCI Slots



Features

- 15" XGA, 17"/19" SXGA TFT LCD with touchscreen
- Intel® Core™ 2 Quad CPU (up to 2.8 GHz) / Core™ 2 Duo CPU (up to 3.0 GHz)
- System memory supports dual channel DDR3 SDRAM up to 4GB
- Offers two expansion slots (PCIe riser card optional) for PCI (PCIe) add-on cards
- Dual Gigabit Ethernet with Intel vPro technology
- Supports 2 x 2.5" SATA HDDs and RAID 0/1 compatibility
- Front USB access and system reset function
- Flat-sealed front panel
- Control box with gull-wing design for easy installation and maintenance
- Front panel is IP65 compliant
- Offers one slim type DVD-RW

Introduction

The IPPC-6000 Series is an Industrial Panel PC with front USB access, supports the powerful Intel Core 2 Quad/Core 2 Duo, high speed DDR3 memory, two expansion PCI slots and slim type DVD-RW. The processor and chipset combination form the foundation of vPro, Intel's next generation digital office platform, offering remote out-of-band manageability, improved security, and energy efficient performance. Two SATA hard drive interfaces with RAID 0,1 support provides data security. The flat-sealed front panel design also allows easier cleaning and liquid run off. Also the control box has a gull-wing design for easy component installation and maintenance.

Specifications

General

- **BIOS** AMI 4 MB Flash BIOS
- **Certifications** UL, CE, FCC, CCC, BSMI
- **Enclosure** Die-cast flat-sealed front with SGCC Housing
- **Dimension (W x H x D)**
 - IPPC-6152A : 449.92 x 315.63 x 142.7mm (17.71" x 12.43" x 5.62")
 - IPPC-6172A : 481.9 x 355.9 x 144.7 mm (18.97" x 14.01" x 5.7")
 - IPPC-6192A : 481.94 x 384.60 x 148.2 mm (18.97" x 15.14" x 5.83")
- **Mounting** Panel, Rack (option)
- **OS Support** Windows 7, Windows XP
- **Power Input** 100 ~ 240 V_{AC} @ 60 ~ 50 Hz, 7 ~ 3.5 A
- **Power Supply** 350 W
- **Weight (Gross)** IPPC-6152A : 13 Kg (18.6 lbs); IPPC-6172A : 15 Kg (33.04 lbs); IPPC-6192A : 16.6 Kg (35.6 lbs)

System Hardware

- **CPU** Supports Socket LGA775 based up to Intel Core 2 Quad 2.8 GHz/Core 2 Duo 3.0 GHz
- **Chipset** Intel Q45 GMCH/ICH10D0
- **Memory** Two DDR3 240pin slots up to 4GB 1066/1333 MHz SDRAM
- **LAN** 10/100/1000 Base-T Ethernet x 2
- **Expansion** 2 x half-length PCI Slots
- **Storage** Supports 2 x 2.5" SATA HDD Interface and Intel Matrix Storage Technology RAID 0/1
- **Optical Driver** 1 x Slim Type DVD-RW
- **I/Os** 2 x RS-232, 1 x RS-232/422/485
5 x USB 2.0 (one at front)
2 x PS2 (Keyboard, Mouse)
1 x VGA Port
Mic-in, Line-in, Line-out

LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** IPPC-6152A: 700:1; IPPC-6172A: 1000 : 1; IPPC-6192A: 1300 : 1
- **Display Size** IPPC-6152A: 15"; IPPC-6172A: 17"; IPPC-6192A: 19"
- **Display Type** IPPC-6152A: XGA TFT LCD; IPPC-6172A: SXGA TFT LCD
IPPC-6192A: SXGA TFT LCD
- **Luminance** IPPC-6152A: 250 cd/m²; IPPC-6172A :380 cd/m²
IPPC-6192A: 300 cd/m²
- **Max. Colors** IPPC-6152A: 16.2M (RGB 6-bit + FRC data)
IPPC-6172A:16.7M (RGB 6-bit + Hi-FRC data)
IPPC-6192A: 16.2M (RGB 6-bit + FRC data)
- **Max. Resolution** IPPC-6152A:1024 x 768; IPPC-6172A: 1280 x 1024
IPPC-6192A:1280 x 1024
- **Viewing Angle (H/V°)** IPPC-6152A: 160/130; IPPC-6172A: 170/160;
IPPC-6192A: 178/178

Touchscreen

- **Lifespan** 36 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission** > 80%
- **Type** Analog resistive 5-wire

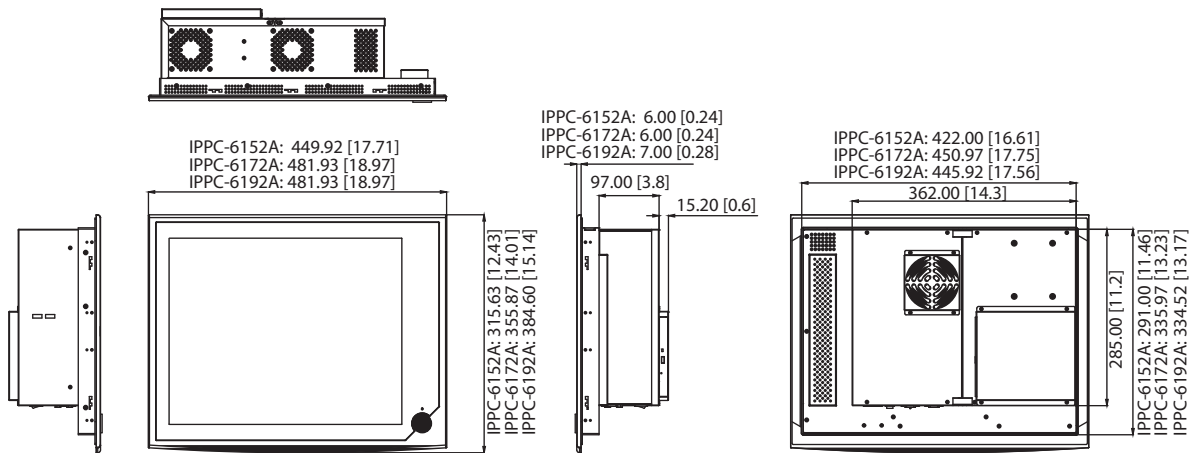
Environment

- **Humidity** 5 ~ 85% @ 40°C (non-condensing)
- **Ingress Protection** Front panel: IP65
- **Operating Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Vibration Protection** 5 ~ 500 Hz, 1 Grms random vibration

IPPC-6152A/IPPC-6172A/IPPC-6192A

Dimensions

Unit: mm



Panel Cut-out Dimensions: IPPC-6152A: 424mm x 293mm (16.69" x 11.54")
IPPC-6172A: 454mm x 338mm (17.87" x 13.31")
IPPC-6192A: 454 x 338 mm (17.87" x 13.31")

Ordering Information

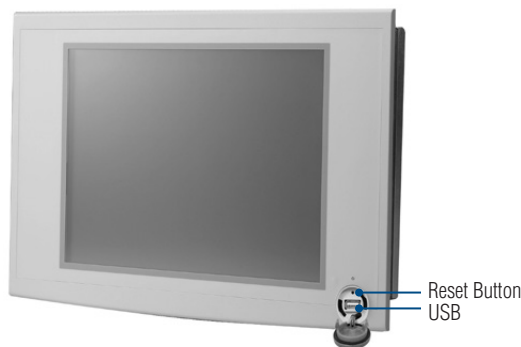
- **IPPC-6152A-R1AK** 15" Core 2 Quad/Core 2 Duo Industrial Panel PC
- **IPPC-6172A-R1AE** 17" Core 2 Quad/Core 2 Duo Industrial Panel PC
- **IPPC-6192A-R1AE** 19" Core 2 Quad/Core 2 Duo Industrial Panel PC

Accessories

- **IPPC-6152A-RMKE** IPPC-6152A/IPPC-6152F Rack Mount Kit
- **IPPC-6172A-RMKE** IPPC-6172A/IPPC-6172F Rack Mount Kit
- **IPPC-6192A-RMKE** IPPC-6192A Rack Mount Kit
- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1702031836** Power Cable China/Australia Plug 1.8 M

Note: A PCIE riser card is included in accessory box of IPPC-6152A-R1AE

Front Accessible USB Port



I/O View

