

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

15" XGA/17" SXGA/19" SXGA TFT LCD LED Backlight Core™ i7/i5/i3 Industrial Panel PC



Features

- 15" XGA/17" SXGA/19" SXGA TFT LCD with touchscreen
- Supports Intel® Core™ i7/i5/i3 processor with Q87 chipset (up to 3.1GHz)
- System supports four DIMM sockets support up to 32 GB DDR3 1333/1600 MHz SDRAM
- Offers multiple expansion slots including two PCI (default), one PCI + one PCIe x4 (optional), two PCIe x1 (in the accessory box)
- SATA 2.0 or SATA 3.0 HDDs and RAID 0,1 compatibility
- Front USB access and system reset function
- Front panel is IP65 compliant
- Supports Intel AMT 9.0 and Intel vPro competent
- Supports Microsoft® Windows 7, Windows 8.1 and Windows 10
- Supports susIAccess and Embedded Software APIs
- Optional Functionality –CFast, PCI/ PCIe expansion, DVD-ROM

Introduction

The IPPC-6000A Series is an Industrial Panel PC with front USB access, supports the powerful 4th Gen Intel Core™ i7/i5/i3, high speed DDR3 memory, up to 32 GB, two expansion slots. 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 driver interface with RAID 0,1 support provides data security. Multi function optional –CFast, PCI/ PCIe expansion, DVD-ROM which offers great flexibility for application specific requirements. Rugged Metal & IP65 Flat-Sealed Front provide excellent durability in harsh environment. With optional mounting accessories, from panels to racks, it can be mounted anywhere.

Specifications

General

- **BIOS** AMI 64 MB Flash BIOS
- **Certification** UL, CE, FCC, CCC, BSMI
- **Enclosure** Die-cast flat-sealed front with SGCC Housing
- **Dimensions (W x H x D)**
 - IPPC-6152A : 449.92 x 315.63 x 126.4 mm (17.71" x 12.43" x 4.98")
 - IPPC-6172A : 481.93 x 355.87 x 132.5 mm (18.97" x 14.01" x 5.22")
 - IPPC-6192A : 481.93 x 384.6 x 135.5 mm (18.97" x 15.14" x 5.33")
- **Mounting** Panel, Rack (optional)
- **OS Support** Microsoft® WES7 32bit&64bit/Windows 7 32bit&64bit/ Windows 8.1 32bit&64bit/ Windows 10 32bit&64bit
- **Power Input** 100 ~ 240 V_{ac} @ 60 ~ 50 Hz, 7 ~ 3.5 A
- **Power Supply** 350 W

System Hardware

- **CPU** Supports Intel® Core™ i7/i5/i3 processor (up to 3.1GHz)
- **Chipset** Intel Q87
- **Memory** System supports four DIMM sockets support up to 32 GB DDR3 1333/1600 MHz SDRAM
- **LAN** 10/100/1000 Base-T Ethernet x 2
- **Expansion** Two half-length PCI (default)
Two PCIe x1 (in the accessory box)
One PCI + One PCIe x4 (Optional)
- **Storage** Supports 2 x 2.5" SATA 2.0 or SATA 3.0 HDDs and RAID 0,1 compatibility
- **Optical Driver** 1 x Slim Type DVD-RW (optional)
CFast (optional)

- **I/Os**
 - 4 (3 x RS-232, 1 x RS-232/422/485 to support auto flow control)
 - 1 x GPIO
 - 2 x Reservation ports
 - 5 x USB Host(USB 2.0 front, 4 USB 3.0) 2 x GbE LAN
 - VGA x1; DVI x1; DP x1
 - 2 (1 x keyboard and 1 x mouse)
 - 2 (Mic-in, Line-out)

LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio**
 - IPPC-6152A: 700:1
 - IPPC-6172A: 1000:1
 - IPPC-6192A: 1000:1
- **Display Size** 15", 17", 19"
- **Display Type**
 - IPPC-6152A: XGA TFT LCD LED Backlight
 - IPPC-6172A: SXGA TFT LCD LED Backlight
 - IPPC-6192A: SXGA TFT LCD LED Backlight
- **Luminance**
 - IPPC-6152A: 400 cd/m²
 - IPPC-6172A: 350 cd/m²
 - IPPC-6192A: 350 cd/m²
- **Max. Colors**
 - IPPC-6152A: 16.2M/262K
 - IPPC-6172A: 16.7M (RGB 6-bit + Hi-FRC data)
 - IPPC-6192A: 16.7M (RGB 6-bit + Hi-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: 160/140
 - IPPC-6172A: 170/160
 - IPPC-6192A: 170/160

