IPPC-6172A

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

Features

- 17" 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 for PCI 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 NEMA4/IP65 compliant

Introduction

The IPPC-6172A 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 driver interface 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)	481.9 x 355.9 x 142.7 mm (18.97" x 14.01" x 5.62")
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)	15 Kg (33.04 lb)

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	1000:1
Display Size	17"
Display Type	SXGA TFT LCD
Luminance	380 cd/m^2
Max. Colors	16.7M (RGB 6-bit + Hi-FRC data)
Max. Resolution	1280 x 1024
Viewing Angle (H/V°)	170/160

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

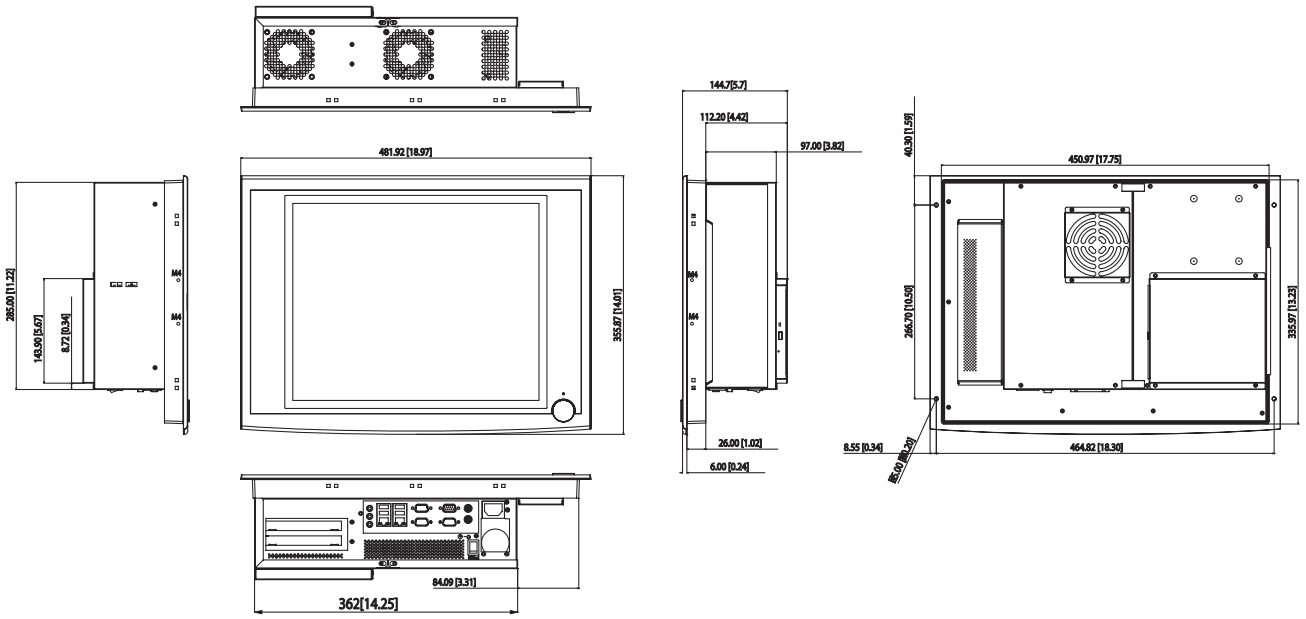
Humidity	5 ~ 85% @ 40 °C (non-condensing)
Ingress Protection	Front panel: NEMA4/IP65
Operating Temperature	0 ~ 50° C (32 ~ 122° F)
Storage Temperature	-20 ~ 60° C (-4 ~ 140° F)
Vibration Protection	5 ~ 500 Hz, 1 Grms random vibration

Ordering Information

IPPC-6172A-R1AE	17" Core 2 Quad/Core 2 Duo Industrial Panel PC

Dimensions

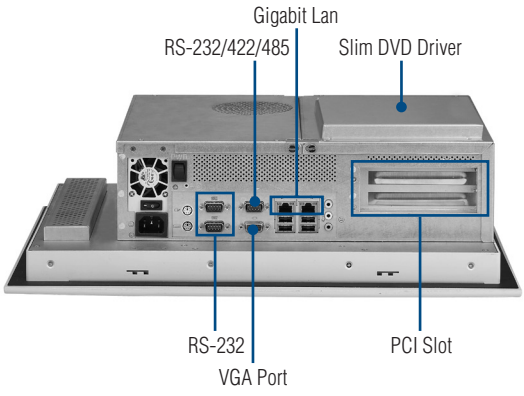
Unit: mm



Panel Cut-out Dimensions: 454 x 338 mm

Accessories

- **IPPC-6172A-RMKE** IPPC-6172A/IPPC-6172F 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

Front Accessible USB Port

I/O View