

# IPPC-6152A

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



## Introduction

The IPPC-6152A 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)** 449.92 x 315.63 x 142.7 mm (17.71" x 12.43" x 5.62")
- **Mounting** Panel, Rack (option)
- **OS Support** Windows 7, Windows XP
- **Power Input** 100 ~ 240 V<sub>AC</sub> @ 60 ~ 50 Hz, 7 ~ 3.5 A
- **Power Supply** 350 W
- **Weight (Gross)** 13 Kg (18.6 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

## Features

- 15" XGA 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

### LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 500:1
- **Display Size** 15"
- **Display Type** XGA TFT LCD
- **Luminance** 250 cd/m<sup>2</sup>
- **Max. Colors** 16.2M (RGB 6-bit + FRC data)
- **Max. Resolution** 1024 x 768
- **Viewing Angle (H/V°)** 140/120

### 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

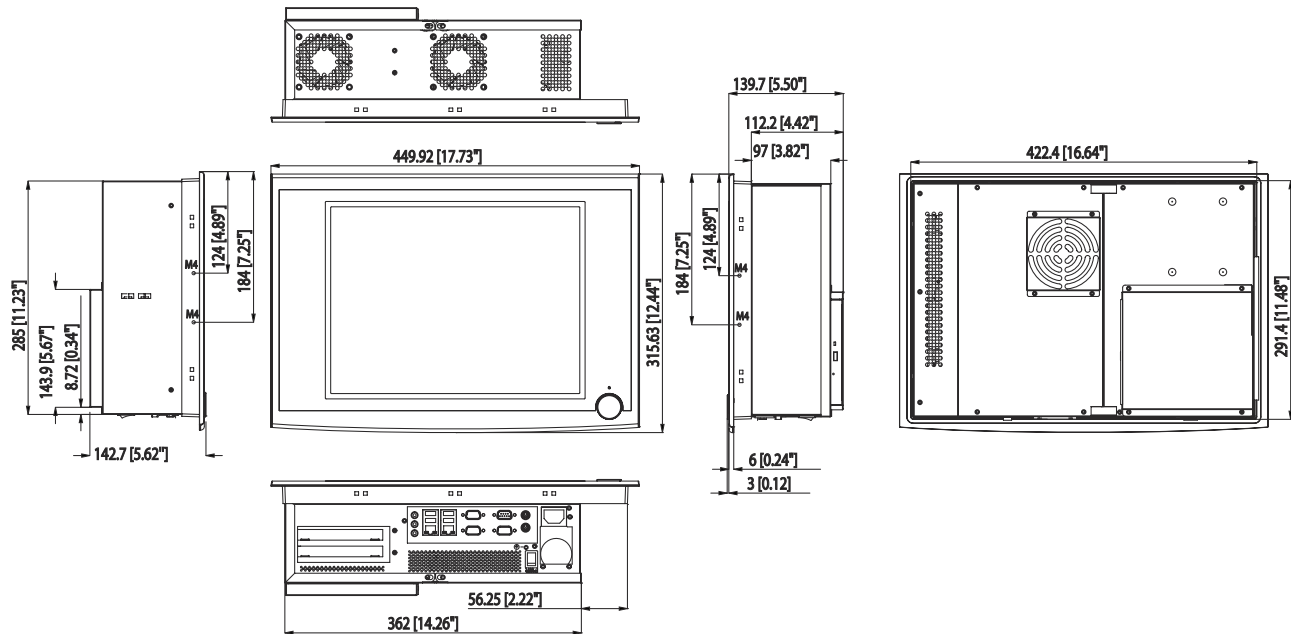
- **Humidity** 5 ~ 85% @ 40 °C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1 Grms random vibration

## Ordering Information

- **IPPC-6152A-R1AE** 15" Core 2 Quad/Core 2 Duo Industrial Panel PC

## Dimensions

Unit: mm

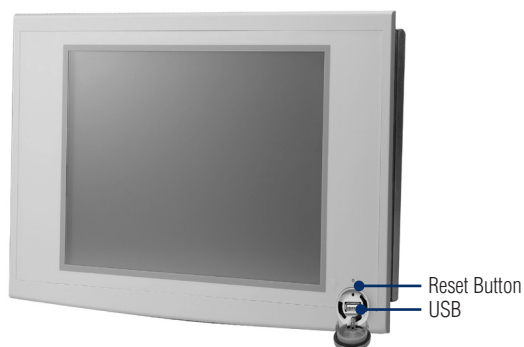


Panel Cut-out Dimensions: 424 x 293 mm

## Accessories

- **IPPC-6152A-RMKE** IPPC-6152A/IPPC-6152F 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

