

# IPPC-6152A

## 15" XGA TFT LCD Pentium® M/Celeron® M Industrial Panel PC with 2 x PCI Slots



### Features

- 15" XGA TFT LCD with touchscreen (optional)
- Intel® Pentium® M Processor up to 2.0 GHz/Celeron® M 1.5 GHz
- System memory supports dual channel DDR2 SDRAM up to 2 GB
- Offers two expansion slots for PCI add-on cards
- Dual Lan, supports one Gigabit Lan
- 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-6152A is an Industrial Panel PC with front USB access, supports Pentium M/Celeron M processor up to 2 GHz, DDR2 memory bus support up to 2 GB, Slim CD-ROM driver, two expansion PCI slots. The flat-sealed front panel design for easier cleaning and liquid run off. Also the control box has the gull-wing design for easy components installation and maintenance.

### Specifications

#### General

- **BIOS** Award® 256 KB Flash BIOS
- **Certifications** UL, CE, FCC, CCC, BSMI
- **Cooling System** 2 x 19 CFM fans
- **Dimension (W x H x D)** 449.92 x 315.63 x 141.7 (17.73" x 12.44" x 5.58")
- **Disk Drive Bay** Support one 2.5" SATA HDD and built-in slim type CDROM
- **Mounting** Panel, Rack (option)
- **Power Input** 100 - 240 Vac @ 50 ~ 60 Hz, 4 - 2 A
- **Power output** +3.3 V @ 16.8 A, +5 V @ 12 A, +12 V @ 10 A, +5 Vsb @ 2 A, -12 V @ 0.8 A
- **Power Supply** 180 W, MTBF: 100,000 hrs
- **Weight (Gross)** 10 Kg

#### System Hardware

- **Audio Ports** Mic-in, Line-in, Line-out
- **Chipset** Intel 915 GME
- **CPU** Support Socket 478 based Intel® Pentium M up to 2.0 GHz/Celeron M 1.5 GHz
- **Memory** Support up to 2 GB DDR2 SDRAM 400/533 MHz
- **HDD** 1 x SATA HDD interface (2.5" HDD bay)
- **CD-ROM Drive** Slim CD-ROM 24X
- **Network (LAN)** 10/100Base-T Ethernet x 1  
Gigabit Ethernet x 1
- **Bus Expansion** 2 x low-profile PCI slots
- **Keyboard/Mouse** PS/2 interface
- **Parallel Port** 1 x enhanced parallel port, supports SPP/EPP/ECP parallel model. BIOS configurable to LPT1, LPT2, LPT or disabled
- **Serial Port** 1 x RS-232
- **USB Ports** 4 x USB 2.0 + 1 x USB2.0 @ front panel
- **Video Port** VGA

#### 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** 16.2 M (RGB 6-bit + FRC data)
- **Max. Resolution** 1024 x 768
- **Viewing Angle (H/V°)** 140/120

#### Touchscreen (Optional)

- **Interface** RS-232
- **Lifespan** 10 millions times touch at single point
- **Light Transmission** > 80%
- **OS Support** Windows® 95/98/ME/2000/XP/CE/NT/Vista, Linux, MS-DOS
- **Type** Analog resistive 8-wire

#### Environment

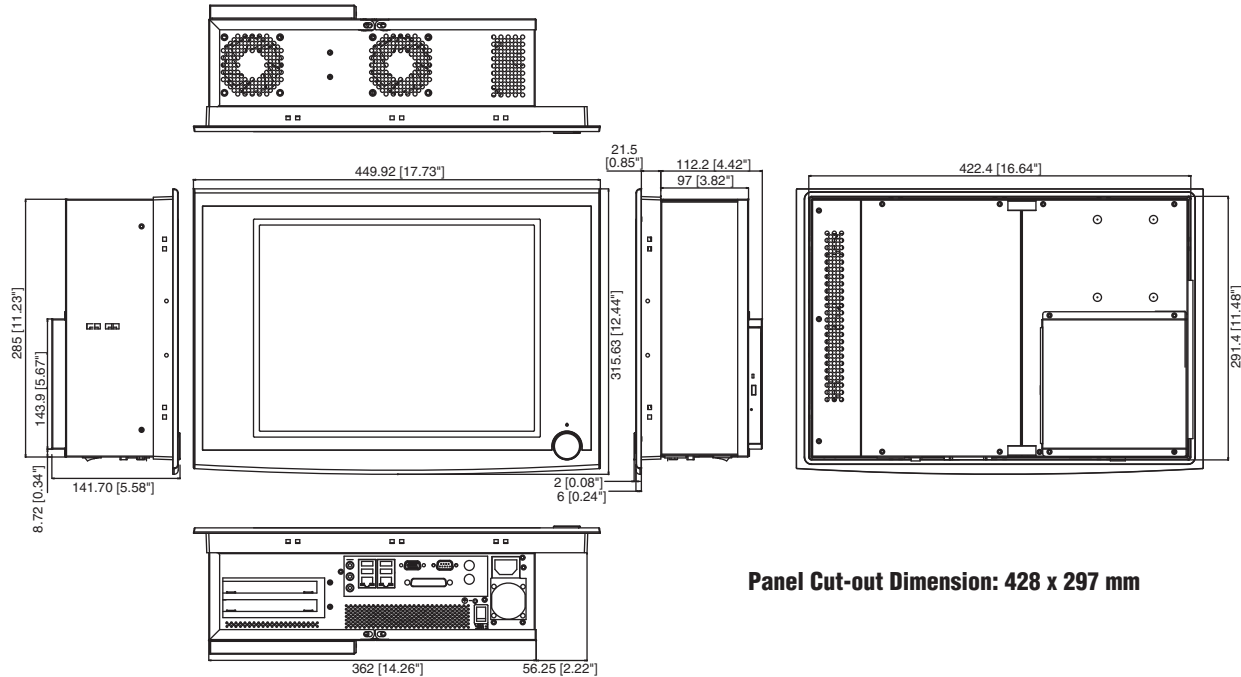
- **Humidity** 5 ~ 85% @ 40 °C (non-condensing)
- **Ingress Protection** Front panel: NEMA 4/IP 65
- **Operating Temperature** 0 ~ 50 °C (32 ~ 122 °F)
- **Storage Temperature** -20 ~ 60 °C (-4 ~ 140°F)
- **Vibration Protection** 5 ~ 500 Hz, 1 Grms random vibration

### Ordering Information

- **IPPC-6152A-X0AE** 15" XGA TFT LCD Pentium M/Celeron M Industrial Panel PC with 2 x PCI Slots
- **IPPC-6152A-R0AE** 15" XGA TFT LCD Pentium M/Celeron M Industrial Panel PC with 2 x PCI Slots with resistive touchscreen

**Dimensions**

Unit: mm

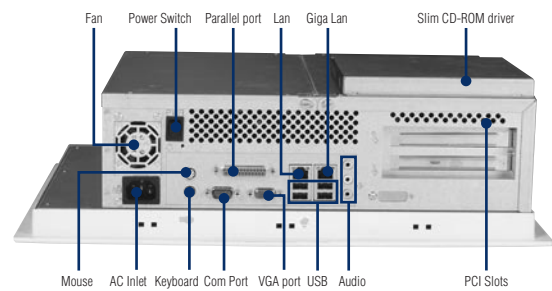


Panel Cut-out Dimension: 428 x 297 mm

**Accessories**

- IPPC-6152A-RMKE IPPC-6152A/FPM-5151G 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

**I/O View**



**Front Access USB Port**



- 1 TPC
- 2 IPPC
- 3 FPM
- 4 UNO
- 5 Ethernet Switch
- 6 Device Server
- 7 Serial COM
- 8 DAQ
- 9 CompactPCI
- 10 Signal Conditioning
- 11 USB DAQ
- 12 Motion Control I/O
- 13 PAC & Software
- 14 RS-485 I/O
- 15 Ethernet I/O
- 16 BAS