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
- 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 allows 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® 512KB 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 141.7 mm (17.73" x 12.44" x 5.58")
- **Mounting**   Panel, Rack (option)
- **OS Support**   Windows 2000, XP Professional
- **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 (22.04 lbs)

System Hardware

- **CPU**   Supports Socket 478 based Intel Pentium M up to 2.0 GHz/Celeron M 1.5 GHz
- **Chipset**   Intel 915GME
- **Memory**   Up to 2 GB DDR2 240pin SDRAM 400/533 MHz
- **LAN**   10/100Base-T Ethernet x 1, 10/100/1000Base-T Ethernet x 1
- **Expansion**   2 x half-length PCI Slots
- **Storage**   1 x SATA HDD interface (2.5" HDD bay)
- **Optical Driver**   1 x Slim Type DVD/CDRW
- **I/Os**   1 x RS-232
  5 x USB 2.0 (one at front)
  2 x PS2 (Keyboard, Mouse)
  1 x VGA Port
  1 x Parallel Port
  Mic-in, Line-in, Line-out

LCD Display

- **Backlight Life**   50,000 hrs
- **Contrast Ratio**   500 : 1
- **Display Size**   15"
- **Display Type**   XGA TFT LCD
- **Luminance**   250 cd/m²
- **Max. Colors**   16.2 M (RGB 6-bit + FRC data)
- **Max. Resolution**   1024 x 768
- **Viewing Angle (H/V°)**   140/120

Touchscreen (Optional)

- **Lifespan**   10 millions times touch at single point
- **Light Transmission**   > 80%
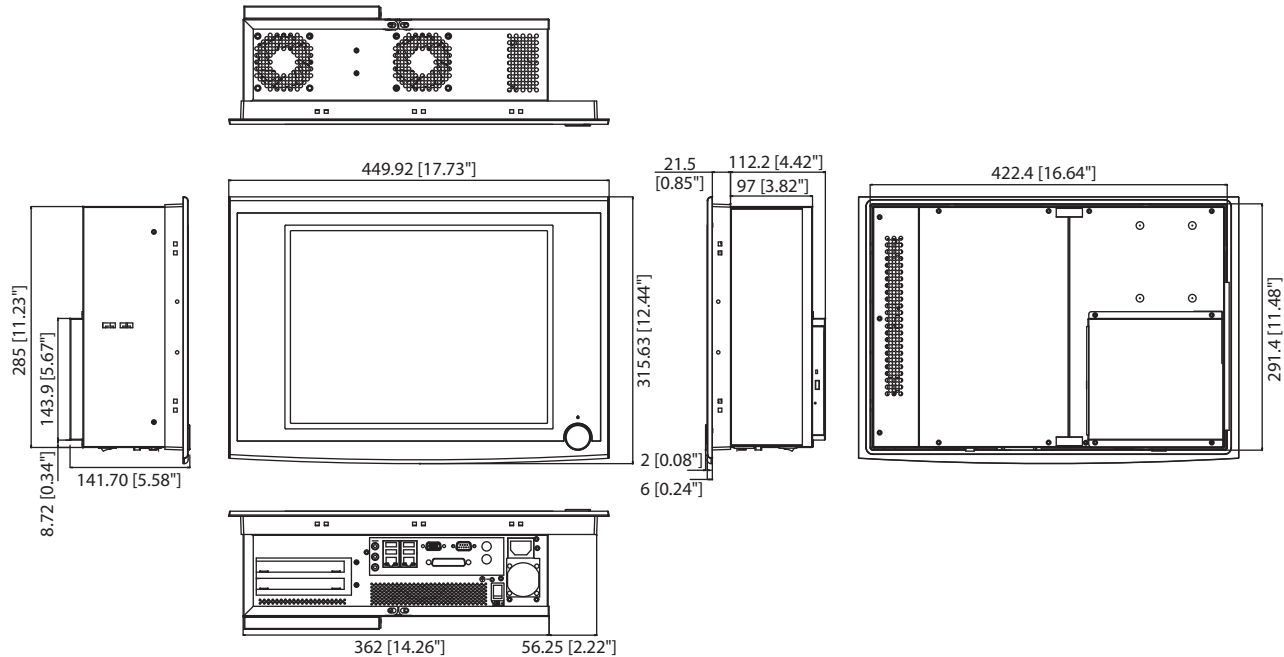- **Type**   Analog resistive 8-wire

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-X0AE**   15" Ind. Panel PC, Pentium M/Celeron M, 2 x PCI
- **IPPC-6152A-R0AE**   15" Ind Panel PC, Pentium M/Celeron M, 2xPCI, TS

Dimensions

Unit: mm

449.92 [17.73"]

285 [11.23"]

143.9 [5.67"]

8.72 [0.34"]

141.70 [5.58"]

21.5 [0.85"]

112.2 [4.42"]

97 [3.82"]

315.63 [12.44"]

2 [0.08"]

6 [0.24"]

422.4 [16.64"]

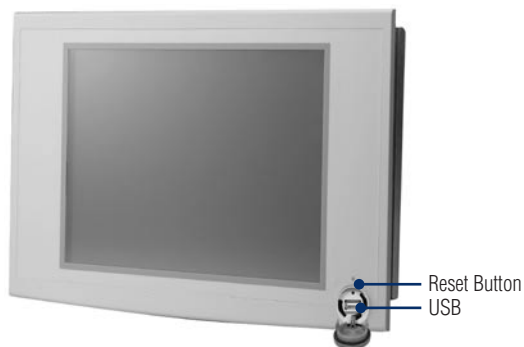291.4 [11.48"]

362 [14.26"]

56.25 [2.22"]

Panel Cut-out Dimensions: 428 x 297 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

Reset Button
USB

I/O View

Power Switch
Fan
Parallel Port
Lan
Gigabit Lan
Slim DVD/CDRW Driver

Mouse
Keyboard
VGA Port
Audio
AC Inlet
COM Port
USB
PCI Slots