IPPC-6152F

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

NEW

Features

- 15" XGA TFT LCD with touchscreen (optional)
- Intel® Celeron® M ULV 1GHz processor on board
- 1GB DDR2 SDRAM system memory
- Fanless cooling system
- 24VDC power supply
- 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
- Heavy-duty aluminum front panel

Introduction

The IPPC-6152F is an Industrial Panel PC with front USB access, supports Celeron M ULV 1GHz, 1GB DDR2 memory, one CompactFlash slot and two PCI expansion 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. The design of fanless cooling system and spindle-free storage makes IPPC-6152F a durable and reliable platform. A fast-access SATA HDD is option. Two PCI slots meets diverse requests.

Specifications

General

- **BIOS** — Award® 256 KB Flash BIOS
- **Certifications** — UL, CE, FCC, CCC, BSMI
- **Cooling System** — Fanless design
- **Dimension (W x H x D)** — 449.92 x 315.63 x 141.7 (17.73" x 12.44" x 5.58")
- **Mounting** — Panel, Rack (option)
- **Power Input** — 10 ~ 30VDC, 18A
- **Power Output** — +3.3V@8A, +5V@10A, +12V@4A,+5Vsb@0.75A, -12V@1A
- **Power Supply** — 85W
- **Weight (Gross)** — 10 Kg

System Hardware

- **Audio Ports** — Mic-in, Line-in, Line-out
- **Chipset** — Intel 915 GME
- **CPU** — Intel Celeron M ULV 1GHz on board
- **Memory** — 1GB DDR2 SDRAM 400/533MHz
- **Storage** — 1 x CompactFlash Slot / 1 x 2.5" SATA HDD (optional)
- **Network (LAN)** — 10/100Base-T Ethernet x 1 / Gigabit Ethernet x 1
- **Bus Expansion** — 2 x low-profile PCI slots (total 25W)
- **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/m²
- **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
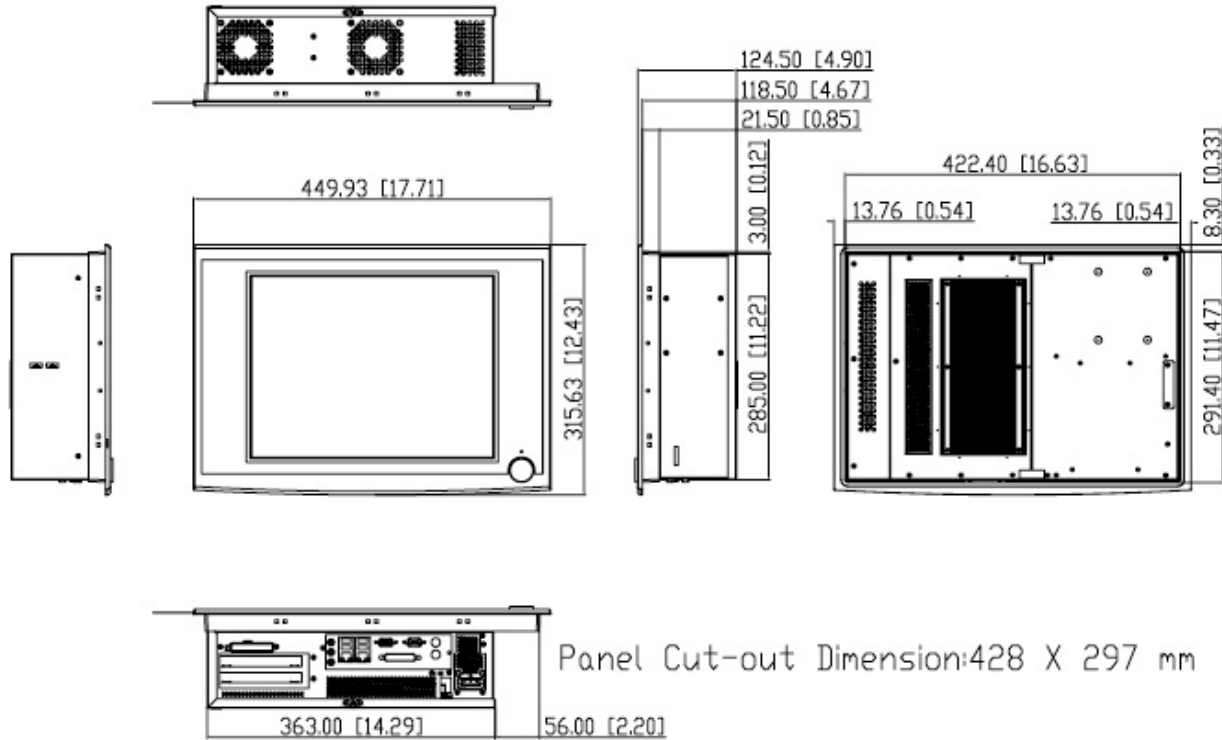- **Type** — Analog resistive 8-wire

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-6152F-X0AE** — 15" XGA TFT LCD Celeron M Fanless Industrial Panel PC with 2 x PCI Slots
- **IPPC-6152F-R0AE** — 15" XGA TFT LCD Celeron M Fanless Industrial Panel PC with 2 x PCI Slots and Resistive Touchscreen
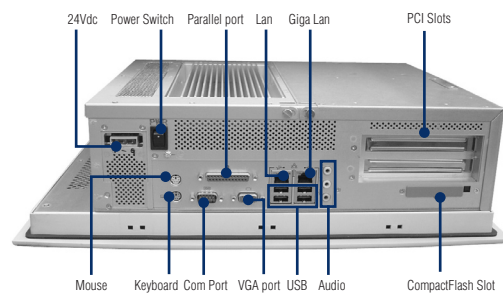
Dimensions

Unit: mm

449.93 [17.71]
315.63 [12.43]
124.50 [4.90]
118.50 [4.67]
21.50 [0.85]
3.00 [0.12]
285.00 [11.22]
422.40 [16.63]
13.76 [0.54]
13.76 [0.54]
8.30 [0.33]
291.40 [11.47]
363.00 [14.29]
56.00 [2.20]

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

24Vdc Power Switch Parallel port Lan Giga Lan   PCI Slots

Mouse Keyboard Com Port VGA port USB Audio   CompactFlash Slot

Front Accessible USB Port

Reset Button