IPPC-6152F

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

NEW

Features

- Fanless cooling system
- 15" XGA TFT LCD with touchscreen
- Intel® Celeron® M Processor ULV 1 GHz / 512KB L2 on board
- 1 GB DDR2 SDRAM system memory
- 24 V$_{DC}$ 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 1 GHz, 1 GB 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® 512 KB 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	18 ~ 30V$_{DC}$, 18A
Power Output	+3.3 V @ 8 A, +5 V @ 10 A, +12 V @ 4 A, +5 Vsb @ 0.75 A, -12 V @ 1 A
Power Supply	85W
Weight (Gross)	13 Kg (28.66 lbs)

System Hardware

CPU	Intel Celeron M ULV 1 GHz with 512 KB L2 on board
Chipset	Intel 915GME
Memory	1 GB DDR2 240pin SDARM 533 MHz
LAN	10/100Base-T Ethernet x 1, 10/100/1000Base-T Ethernet x 1
Expansion	2 x half-length PCI Slots (total 25W)
Storage	1 x CompactFlash Slot, 1 x SATA HDD interface (2.5" HDD bay)
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

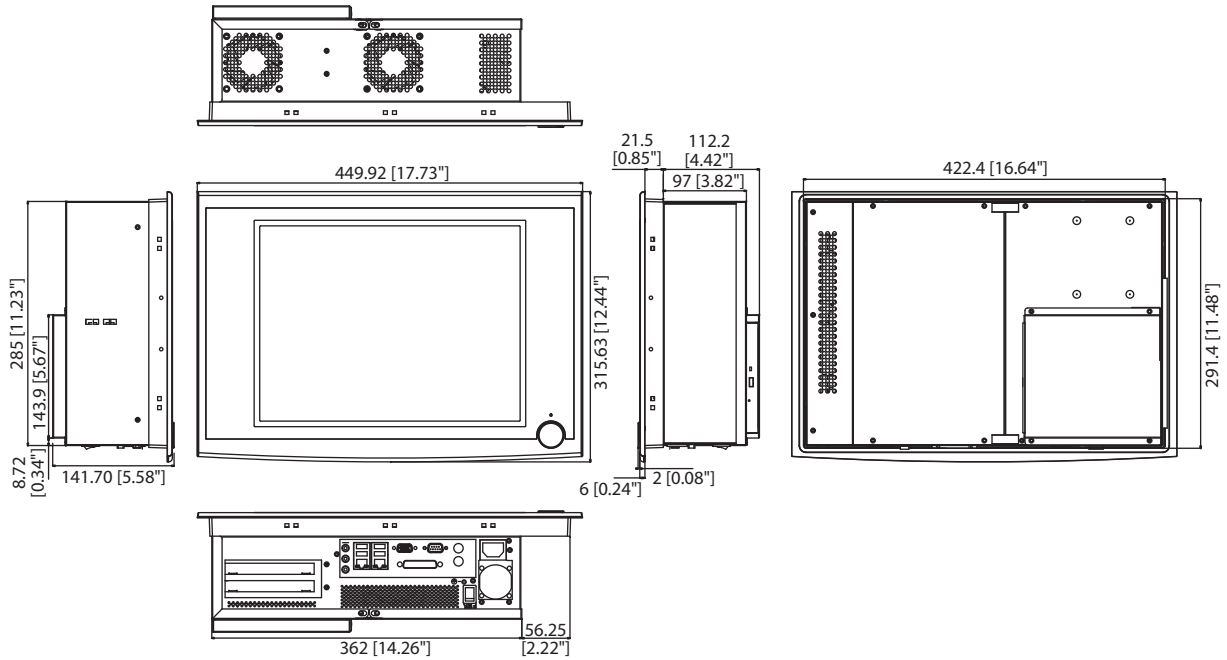### Environment

Humidity	5 ~ 85% @ 40 °C (non-condensing)
Ingress Protection	Front panel: 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

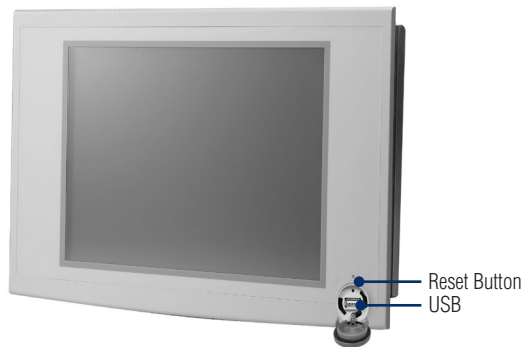|		
IPPC-6152F-X0AE	15" Fanless Panel PC, Celeron M, 2 x PCI
IPPC-6152F-R0AE	15" Fanless Panel PC, Celeron M, 2 x PCI, TS

Dimensions

Unit: mm

449.92 [17.73"]

21.5 [0.85"]
112.2 [4.42"]
97 [3.82"]

422.4 [16.64"]

285 [11.23"]
143.9 [5.67"]
8.72 [0.34"]
141.70 [5.58"]

315.63 [12.44"]

6 [0.24"]
2 [0.08"]

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

Front Accessible USB Port

Reset Button
USB

I/O View

Power Switch
Lan
PCI Slots
24 V$_{DC}$
Parallel Port
Gigabit Lan

Mouse
COM Port
USB
CompactFlash Slot
Keyboard
VGA Port
Audio