IPPC-6172F

17" SXGA TFT LCD Celeron® M Fanless Industrial Panel PC with 2 x PCI Slots

NEW

Features

- Fanless cooling system
- 17" SXGA TFT LCD with touchscreen
- Intel® Celeron® M Processor ULV 1 GHz/512 KB L2 on board
- 1 GB DDR2 SDRAM system memory
- 24 V_{DC} power supply
- Offers two expansion slots for PCI add-on card
- 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 NEMA4/IP65 compliant
- Heavy-duty aluminum front panel

Introduction

The IPPC-6172F 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-6172F 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)	481.92 x 355.87 x 146 mm (18.97" x 14.01" x 5.75")
Mounting	Panel, Rack (option)
OS Support	Windows 2000, XP Professional
Power Input	18 ~ 30 V_{DC}, 18 A
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	85 W
Weight (Gross)	15 Kg (33.06 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 25 W)
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	800 : 1
Display Size	17"
Display Type	SXGA TFT LCD
Luminance	300 cd/m²
Max. Colors	16.7M (RGB 6-bit + FRC data)
Max. Resolution	1280 x 1024
Viewing Angle (H/V°)	160/160

Touchscreen (Optional)

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

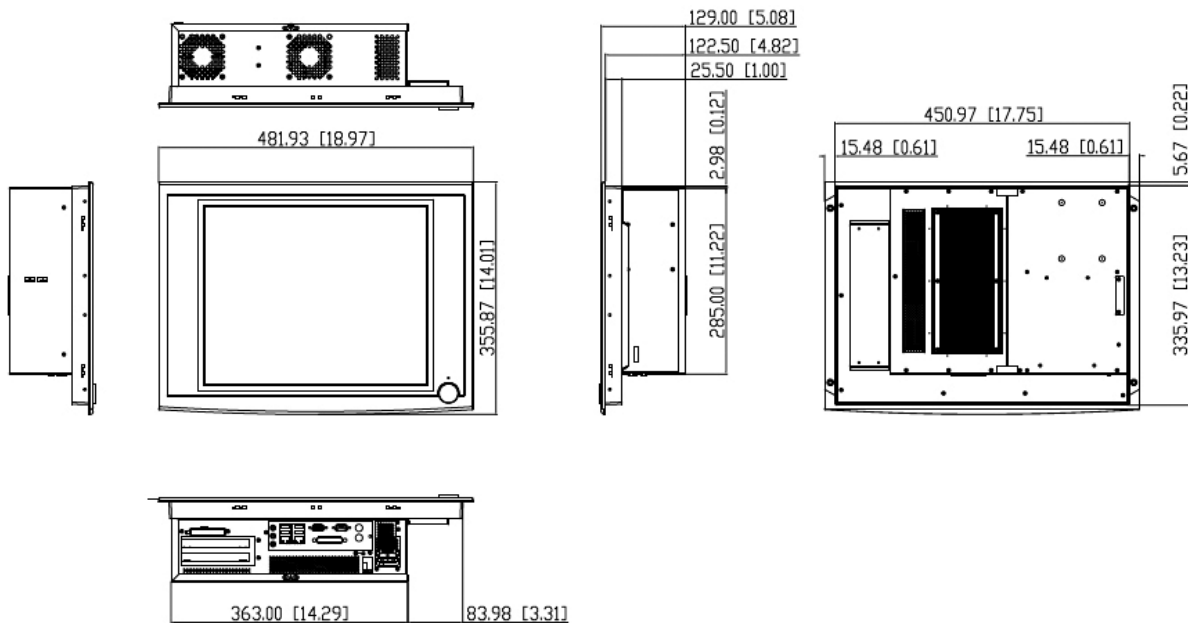### Environment

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

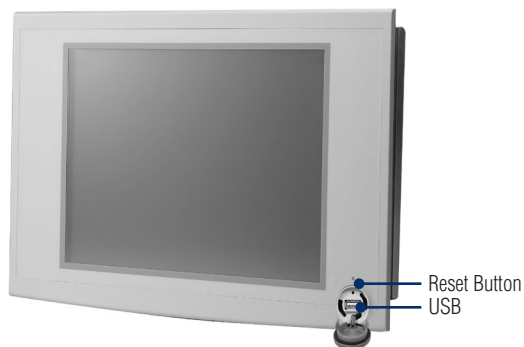|		
IPPC-6172F-X0AE		17" Fanless Panel PC, Celeron M, 2 x PCI
IPPC-6172F-R0AE		17" Fanless Panel PC, Celeron M, 1 GHz, 2 x PCI, TS

Dimensions

Unit: mm

Panel Cut-out Dimensions: 457 x 432 mm

Accessories

▪ **IPPC-6172A-RMKE**   IPPC-6172A/IPPC-6172F Rack mount Kit

Front Accessible USB Port

Reset Button
USB

I/O View

24 V_{DC}
Power Switch
Parallel Port
Lan
Gigabit Lan
PCI Slots

Mouse
Keyboard
COM Port
VGA Port
USB
Audio
CompactFlash Slot