

IPPC-8151S

15" XGA TFT LCD Celeron® M Fanless Industrial Panel PC with Stainless Steel

NEW



Introduction

To satisfy the stringent standards required in food, beverage, clinical, chemical or pharmaceutical applications, Advantech offers the IPPC-8151S designed with 316L stainless steel, food-safe sealing materials and an anti-corrosive and chemical resistant touchscreen. Its fanless design and NEMA4X/IP66 waterproof and dustproof protection can ensure reliable operation in most hazardous environments. With the optional enclosure kit and IP66 I/O connector kit, IPPC-8151S can provide a fully enclosed IP66 protection for all sides. In addition to the standard panel mounting, IPPC-8151S can be VESA mounted with an optional enclosure kit. Also, if desk, wall or ceiling mounting is required, an optional stand kit can be ordered along with the enclosure kit.

Specifications

General

- **BIOS** Award 4MB Flash BIOS
- **Certifications** UL, CE, FCC, CCC, BSMI
- **Enclosure** Fanless with 316L stainless steel
- **Dimensions (W x H x D)** 400.00 x 313.6 x 90.44 mm (15.75" x 12.35" x 3.55")
- **OS Support** Windows 2000, XP Professional and WinXPe
- **Power Input** 10 ~ 30 V_{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** 85 W
- **Weight (Gross)** 12 Kg (26.45 lbs)

System Hardware

- **CPU** Intel Celeron M 1.06GHz 1MB L2 on board
- **Chipset** Intel 945GME
- **Memory** 1GB SO-DIMM DDR2 200pin 667MHz (Supports 4GB Maximum)
- **LAN** 10/100/1000Base-T Ethernet x 2
- **Expansion** 1 x half-length PCI Slot
- **Storage** 1 x CompactFlash Slot, 1 x SATA HDD interface (2.5" HDD bay)
- **I/Os** 3 x RS-232
4 x USB 2.0
2 x PS2 (Keyboard, Mouse)
1 x VGA Port
1 x Parallel Port
Mic-in, Line-in, Line-out

Features

- 316L stainless steel and food-safe sealing materials
- Robust and fanless design for reliable operation
- Anti-corrosive and chemical resistant touchscreen
- Designed with NEMA4X (IP66) dustproof and waterproof protection
- 15" XGA TFT LCD with chemical resistant touchscreen
- Supports Intel Celeron M 1 GHz/1 MB L2 processor with 1 GB memory
- Dual Gigabit Ethernet ports for control & monitoring
- Supports rich I/O and PCI slots
- Supports VESA/panel/stand/desk/wall/ and ceiling mounting (optional)
- All-around IP66 protection with enclosure kit (optional)
- Supports I/O connectors with IP66 protection (optional)

LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 400:1
- **Display Size** 15"
- **Display Type** XGA TFT LCD
- **Luminance** 350 cd/m²
- **Max. Colors** 262,144
- **Max. Resolution** 1024 x 768
- **Viewing Angle (H/V°)** 120/100

Touchscreen

- **Lifespan** 10 millions times touch at single point
- **Light Transmission** >80%
- **Type** Analog resistive 5-wire

Environment

- **Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA 4X / IP66
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1Grms random vibration

Ordering Information

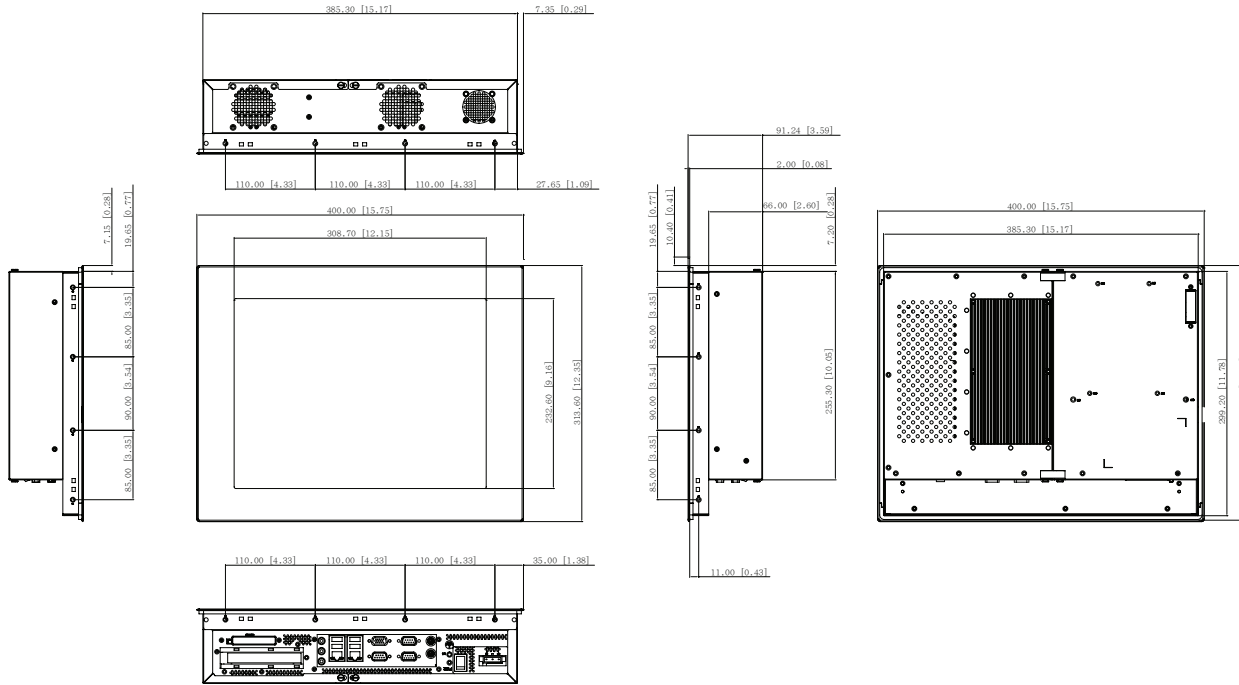
- **IPPC-8151S-R0AE** 15" Stainless Panel PC, Celeron M, 1GHz, TS

Accessories

- **IPPC-8151S-EMKE** IPPC-8151S all-around IP66 enclosure kit
- **IPPC-8151S-SMKE** IPPC-8151S kit for desk, wall and ceiling mounting
- **IPPC-8151S-IMKE** IPPC-8151S IP66 I/O connector kit

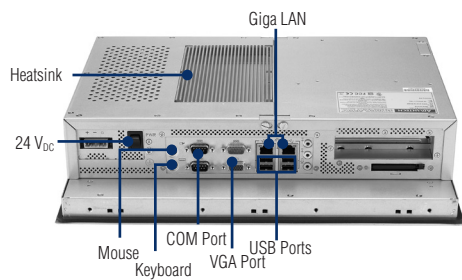
Dimensions

Unit: mm



Panel Cut-out Dimension: 388 x 301.5 mm

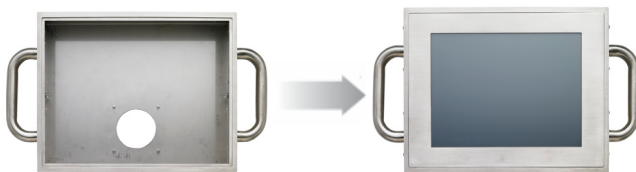
I/O View



Mounting Kit



All-around IP66 Enclosure Kit



I/O Connector Kit

