

IPPC-8151S

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

NEW



Features

- 316L stainless steel and food-safe seals
- Robust and fanless design for reliable operation
- Extreme protection against vibration, shock, dust, acid or alkaline
- Designed with NEMA4 (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/desk/stand mounting
- Flat sealed stainless steel enclosure with all-around IP66 protection (Optional)

Introduction

Advantech offers vertical focused platforms aimed at the food & beverage sector. The IPPC-8151S is designed with a fully sealed stainless steel enclosure and uses a special tapered & food safe rubber seal between the bezel and the touchscreen. This allows it to satisfy the stringent standards required in food processing, clinical, chemical or pharmaceutical laboratories.

The IP66 rating guarantees waterproof and dustproof protection, ensuring reliable operation in any hazardous environment. The standard model supports IP66 grade protection on the front panel only, while an optional kit is available to support a fully enclosed IP66 protection for all sides including I/O.

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 533 MHz
- **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

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

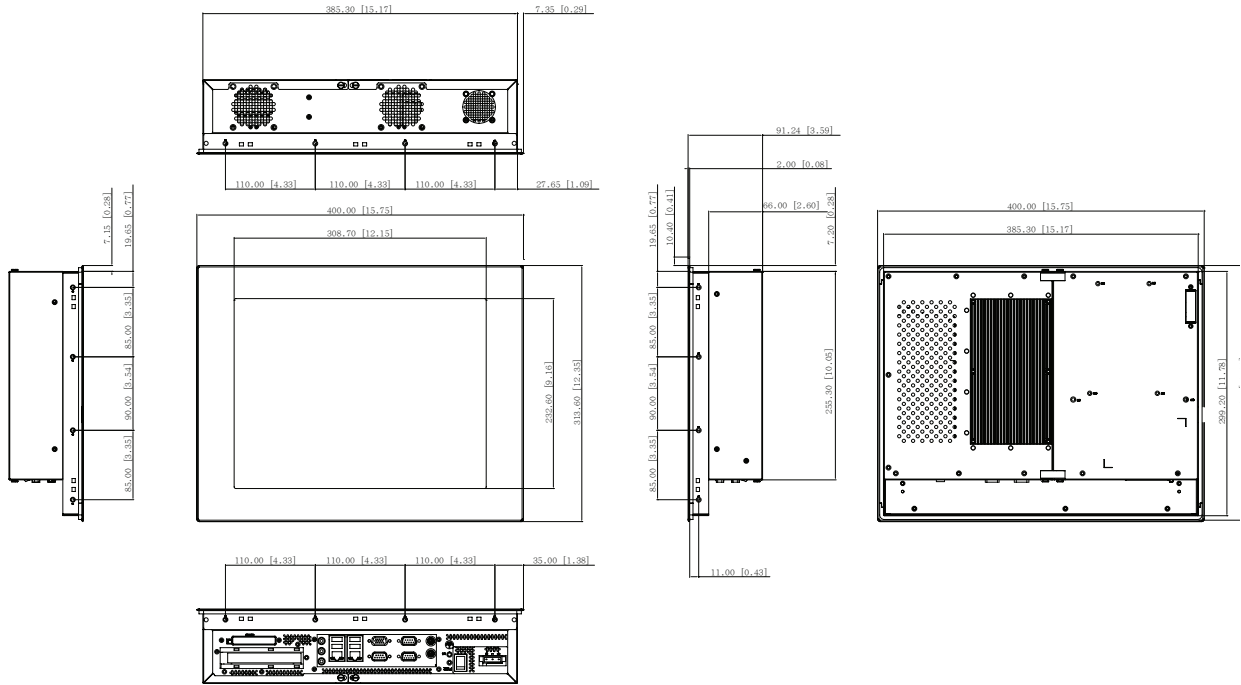
- **IPPC-8151S-R0AE** 15" Stainless Panel PC, Celeron M, 1GHz, TS

Accessories

- **IPPC-8151S-EMKE** IPPC-8151S IP66 all-around Enclosure kit
- **IPPC-8151S-SMKE** IPPC-8151S Stand Kit
- **IPPC-8151S-AMKE** IPPC-8151S Arm Kit

Dimensions

Unit: mm



Panel Cut-out Dimension: 388 x 301.5 mm

All Around IP66 Enclosure

