

IPPC-7157A

15" XGA TFT LCD Pentium® 4 Industrial Panel PC with 7 Expansion Slots and Keypad



Introduction

The IPPC-7157 is a new Industrial Panel PC with 15" XGA TFT LCD. It supports ATX industrial mother board with 7 PCI/PCIe expansion slots. IPPC-7157 provides many powerful features such as detachable side-open front panel module, a front-access USB2.0 port, programmable membrane function keys & touch pad, OSD Control, NEMA4/IP65 compliant aluminum front panel, optional analog resistive touchscreen (USB Interface).

Specifications

General

- **Button Control** Membrane Keypad 1 - 43 operating keys
Membrane Keypad 2 - 10 programmable macro function keys
- **Certifications** BSMI, CCC, CE, FCC
- **Dimensions (W x H x D)** 482 x 354.8 x 276.5 mm (18.97" x 13.96" x 10.9")
- **Enclosure** Front Panel – Die-Cast
Chassis – anti-rust
- **Mounting** 19" Rack
- **Power Input** 100-240 Vac, 10A, 60-50 Hz
- **Power Output** +5 V @ 30 A, +12 V @ 15 A, +3.3 V @ 28 A,
-5 V @ 0.3 A, -12 V @ 0.8 A, +5 VSB @ 2 A
- **Power Supply** Watt: 300 W, MTBF: 100,000 hrs
- **Weight (Gross)** 18 kg (39.7 lb)

System Hardware

- **CPU** Socket 775,
Intel Pentium 4 up to 2.8 GHz
Intel Celeron D up to 2.5 GHz
- **M/B** AIMB-762-A101-4
- **Chipset** Intel 945G+ICH7R
- **Memory** Four 240-pin Dual Channel DDR2 DIMM
socket supports up to 4 GB (Clock 266)
- **LAN** 2 x 10/100/1000Base-T
- **Expansion** 1 x PCIe x 16 4.0 GB/s per direction
1 x PCIe x 4 1.0 GB/s per direction
5 x PCI 32-bit/33 MHz
- **Storage (Optional)** 2 x 3.5" HDD
1 x FDD
1 x 5.25" CD-ROM
- **I/Os** 1 x RS-232
5 x USB 2.0 (one at front)
1 x PS21 x VGA Port
1 x Parallel Port
1 x Mic-in, Line-in

Features

- Pentium® 4 up to 2.8 GHz/Celeron® D up to 2.5 GHz
- 15" XGA TFT LCD with touchscreen (optional) provides vivid, sharp images
- Offers 7 expansion slots for PCI and PCIe interface
- Detachable side-open front panel makes maintenance fast & easy
- Programmable membrane function keys for varied application access
- Heavy-duty design with anti-rust chassis with aluminum front panel (NEMA4/IP65)
- One front accessible USB 2.0 port

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
- **OSD Control** ON/OFF, Brightness down, up (behind the front panel)
- **Viewing Angle (H/V°)** 140/120

Touchscreen (Optional)

- **Lifespan** 10 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission** > 80% (AMT)
- **Type** 8-wire Resistive

Environment

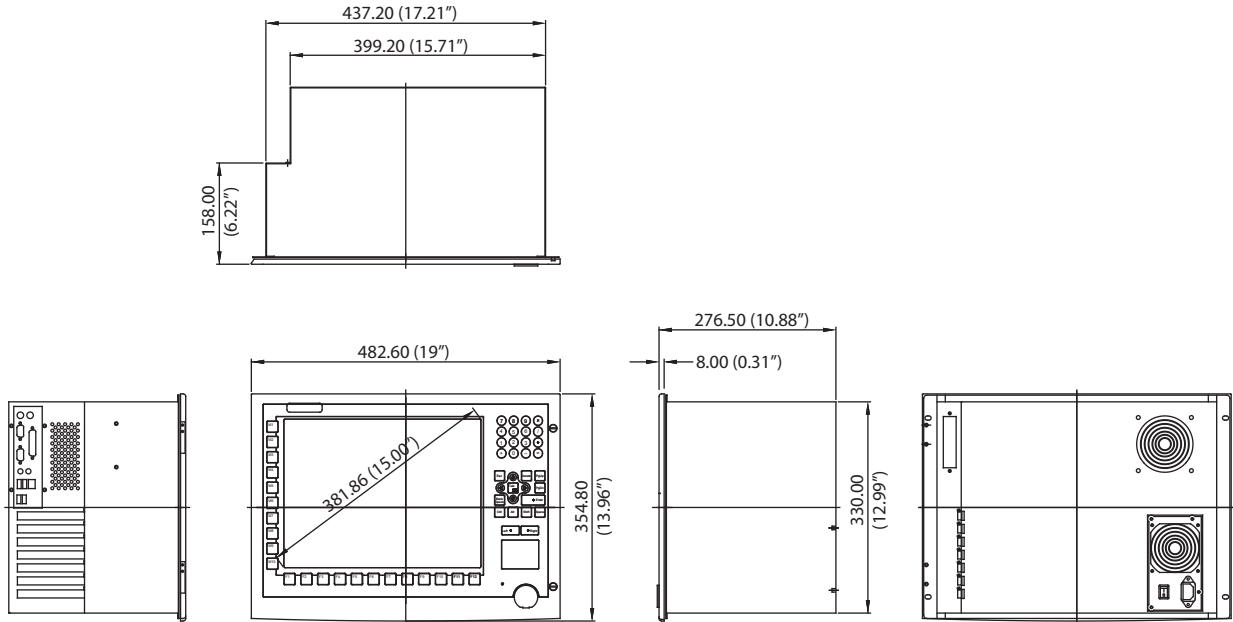
- **Humidity** 5 ~ 85% RH @ 40° C (non-condensing)
- **Ingress Protection** Front panel NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1 G_{RMS} random vibration (operating)

Ordering Information

- **IPPC-7157A-X1AE** 15" Ind. Panel PC Pentium 4, 7 x PCI/e, Keypad
- **IPPC-7157A-R1AE** 15" Ind. Panel PC Pentium 4, 7 x PCI/e, Keypad, TS

Dimensions

Unit: mm

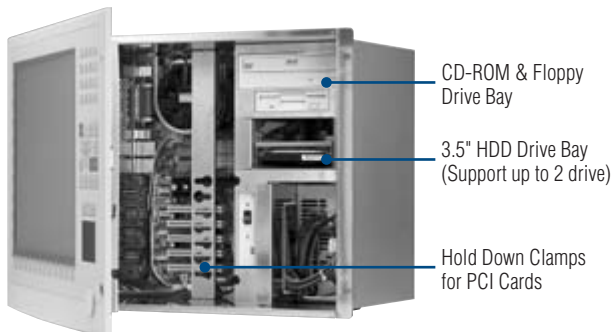


Panel Cut-out Dimensions: 439.30 (17.29) x 332.00 (13.07) mm

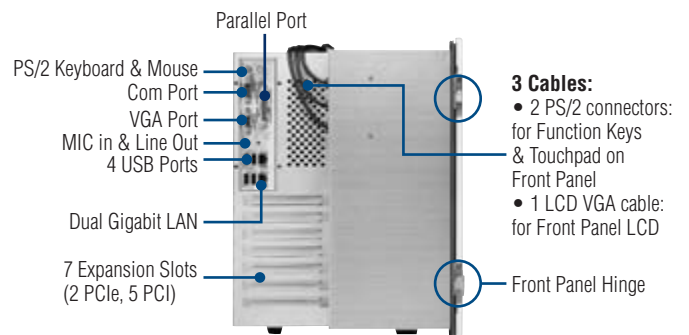
Accessories

- **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

Open View



Side View



Rear View

