

IPPC-4000D

5.7" VGA TFT LCD 4U 19" Rack Industrial Panel PC with 7 Expansion Slots

NEW



Features

- 4U rackmount chassis supports ATX Industrial Motherboard
- Supports high performance Intel Core 2 Duo processor
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB interface for easy data transferring
- Dual front-accessible filtered cooling fans provide optimal, streamlined airflow
- Front LEDs indicate system health, such as power status, fan operation, in chassis temperature and HDD activity
- Lockable front door prevents unauthorized access
- Supports 300 W single PS/2 and redundant ATX power supplies
- Supports four hot swappable 2.5" SATA HDD's (Optional)

Introduction

IPPC-4000D is a 4U 19" rackmount industrial Panel PC with 5.7" VGA TFT LCD display and a built-in ATX industrial motherboard. This design reduces the interconnections between the backplane and the CPU card, which enhances the platforms reliability. The compact & reliable design is catered for use in limited space environments, such as test and measurement stations & machinery.

Specifications

General

- **Certifications** BSMI, CCC, CE, FCC
- **Cooling System** 2 x 85 CFM fan w/Air Filter
- **Dimensions (W x H x D)** 482 x 177 x 480 mm (19" x 7" x 18.9")
- **Weight (Gross)** 18 kg (39.6 lb)
- **Power Input** 90 ~ 264 V_{AC} @ 47 ~ 63 Hz full range 6.0/3.0A
- **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

LCD Display

- **Backlight Life** 50,000 hrs (LED Backlight)
- **Contrast Ratio** 300 : 1
- **Display Size** 5.7"
- **Display Type** VGA TFT LCD
- **Luminance** 220 cd/m²
- **Max. Colors** 262 K (RGB 6-bit)
- **Max. Resolution** 640 x 480
- **OSD Control** ON/OFF, Brightness down, up
- **Viewing Angle (H/V°)** 140/100

Environment

- **Humidity** 10 ~ 85% RH @ 40° C (non-condensing)
- **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

System Hardware

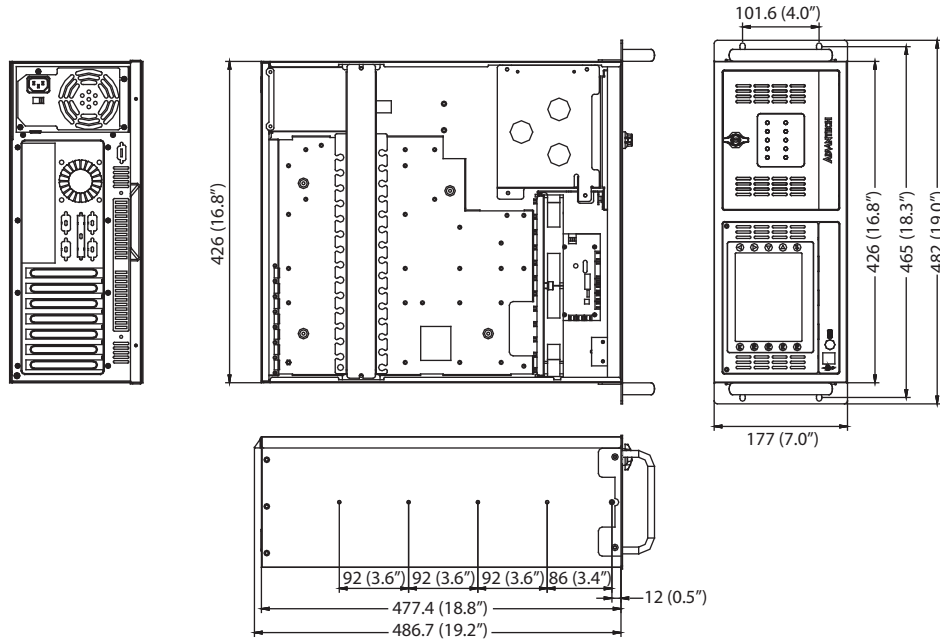
| Model | IPPC-4000D-A0AE | IPPC-4000D-A2AE |
|--|---|---|
| CPU | Intel uFC-LGA 775 Pentium4/Celeron D (Up to 3.2GHz) | Intel uFC-LGA 775 Core 2 Extreme/Core 2 Duo (Up to 2.13GHz) |
| Chipset | Intel 82915GV | Intel 82Q965 |
| Memory | Four 240-pin DIMM sockets up to 4GB Dual Channel DDR2 667/533/400 SDRAM | Four 240-pin DIMM sockets up to 8GB Dual Channel DDR2 800/667/533 SDRAM |
| LAN | 2 x 10/100/1000Base-T (RTL8110SC) | 1 x 10/100/1000Base-T (Intel 82566DM) |
| Extension Slot | 1 x ADD-2 5 x PCI(V2.2) 2 x ISA | 1 x PClex16 1 x PCIe x 4 5 x PCI(V2.2) |
| Storage | 1 x 3.5" HDD 3 x 5.25" (Front Accessible) | 1 x 3.5" HDD 3 x 5.25" (Front Accessible) |
| I/Os | 6 x USB 2.0 (2 at front) 2 x PS/2 1 x RS-232/422/485 1 x Parallel Port 1 x VGA Port Mic-in, Line-in, Line-out, CD Audio in | 6 x USB 2.0 (2 at front) 2 x PS/2 1 x Parallel Port 1 x VGA Port 1 x IEEE 1394a 1 x e-SATA Mic-in, Line-in, Line-out, CD Audio in, S/PDIF |
| Internal I/Os (Included in Accessories) | 1 X RS-232 with cable & bracket 2 x USB 2.0 4 X SATA with cable | 4 X RS-232 with cable & bracket 2 x USB 2.0 7 X SATA with cable |

Ordering Information

- **IPPC-4000D-A0AE** 5.7" VGA 4U 19" Rack Ind. Panel PC, Pentium 4
- **IPPC-4000D-A2AE** 5.7" VGA 4U 19" Rack Ind. Panel PC, Core 2 Duo

Dimensions

Unit: mm



Accessories

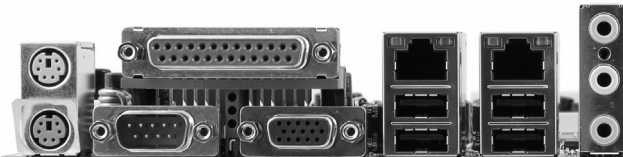
- 1702002600 Power Cable US Plug 1.8 M
- 1702002605 Power Cable EU Plug 1.8 M
- 1702031801 Power Cable UK Plug 1.8 M
- 1702031836 Power Cable China/Australia Plug 1.8 M
- KBD-6312 1U Rackmount Keyboard with Touchpad
- 9663400060E Hot Swap SATA HDD

I/O Outlook

IPPC-4000D-A2AE



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System View

