

# IACP-4000D

## 5.7" VGA TFT LCD Pentium® 4/Celeron® D 4U Industrial Workstation with 7 x ISA/ PCI Slots

NEW



### Features

- 4U rackmount chassis supports ATX Industrial Motherboard
- 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

### Introduction

IACP-4000D is a 4U 19" rackmount industrial workstation 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 platform's 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")
- **Disk Drive Bay** 1 x 3.5", 3 x 5.25" (Front Accessible)
- **Weight (Gross)** 18 kg (39.6 lb)
- **Power Input** 90 ~ 264 V<sub>AC</sub> @ 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
- **Weight (Gross)** 18 kg (39.7 lb)

#### System Hardware

- **Audio Ports** 1 x Mic-in, 1 x Line-out, 1 x CD Audio in, 1 x Line out, 1 x S/PDIF
- **Chipset** Intel® 82915GV GMCH integrated Graphics Media Accelerator 900
- **CPU** Intel® µFC-LGA 775 socket Supports Pentium® 4/ Celeron® D with 65 nm process technology
- **Expansion Slots** 1 PCI Express x 16, 5 PCI slots (PCI Rev. 2.2 compliant), 2 ISA slots
- **Keyboard/Mouse** 2 x PS/2 for mouse & keyboard interface
- **LAN** 2 x Realtek RTL8110SC Gigabit LAN
- **Memory** Four 240-pin DIMM sockets support up to 4 GB Dual Channel DDR2 400/533/667 SDRAM
- **Parallel Port** 1 x Parallel port
- **Serial Port** 1 x RS-232/422/485 port
- **USB Port** 4 x USB 2.0 on rear I/O

#### LCD Display

- **Backlight Life** 50,000 hrs (LED Backlight)
- **Contrast Ratio** 300 : 1
- **Display Size** 5.7"
- **Display Type** QVGA TFT LCD
- **Luminance** 220 cd/m<sup>2</sup>
- **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

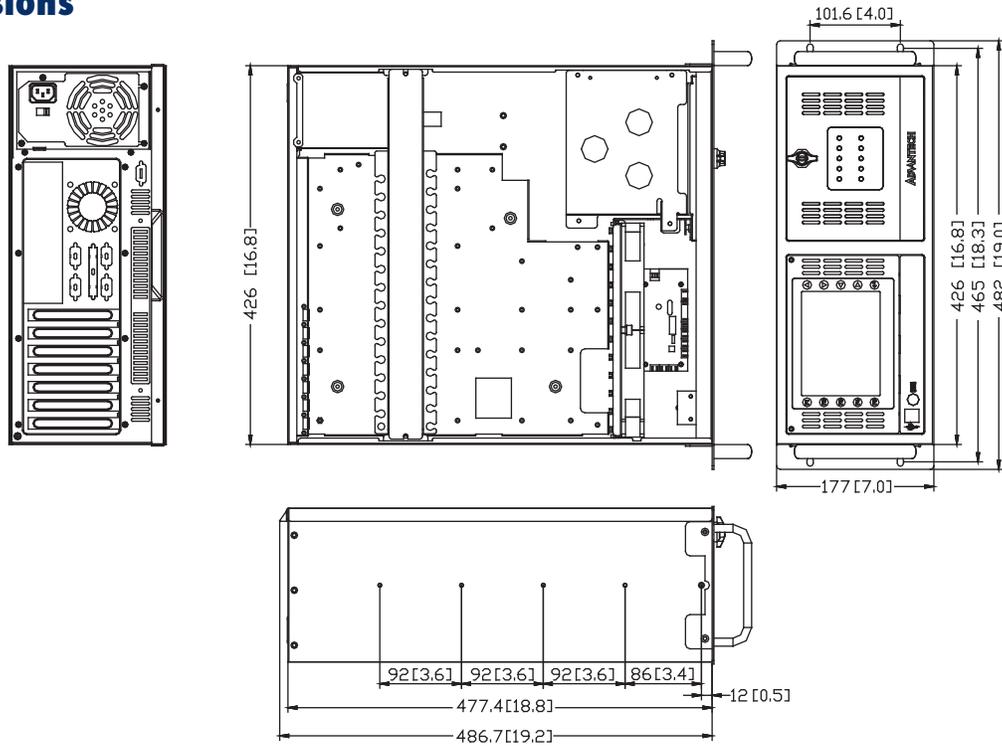
- **Humidity** 10 ~ 85% RH @ 40° C (non-condensing)
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz, 1 G<sub>RMS</sub> random vibration

### Ordering Information

- **IACP-4000D-A0AE** 5.7" VGA TFT LCD Pentium/Celeron D 4U Rack Industrial Workstation with 7 x ISA/PCI Slots

## 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** Rackmount Keyboard with Touchpad

## System View



## Rear View

