

# ATM-4008

## 4U 8-slot Industrial Automation Platform with 6" LCD



### Features

- 4U height 19" rackmount chassis with 6" TFT LCD display
- Integrated Video A/D Board ensures CPU compatibility (to Intel® Pentium® 4)
- 8-slot expansion passive backplane
- Front accessible disk drive bays for installation of 3 vibration damped drives
- OSD control for brightness adjustment
- Applicable for industrial automation control and monitoring
- Suitable for Automatic Testing Equipment and Production Line Testing
- High brightness color TFT LCD panel: 400 nits
- VGA resolution: 640 x 480
- Front accessible USB ports x 2, Power on/off and reset button
- Telecom/power station platform for test & measurement equipment

### Introduction

ATM-4008 is a 4U 8-slot rackmount industrial workstation with a 6" LCD display, and a built-in slim type keyboard and touchpad. ATM-4008 is a half-size chassis based on the ATM-4233. The compact design caters for use in limited spaces such as test and measurement stations and machinery.

### Specifications

#### General

- **Button Controls**
  - Behind Lockable Door: Power on/off  
Reset button
  - Front: OSD: (On/Off, Menu, Select, Auto, Right, Left)  
10 configurable membrane buttons
  - Keyboard Drawer: QWERTY keyboard with mouse touchpad
- **Certifications**  
BSMI, CE, CCC, and FCC class A
- **Connectors**
  - Front: 2 x USB
  - Rear: 1 x 6-pin PS/2 keyboard port for external connection
- **Cooling System**  
2 x 90 mm easy-to-replace 115.84 CFM cooling fans
- **Dimension (W x H x D)**  
482 x 173 x 360 mm (18.98" x 6.8" x 14.2") (4U)
- **Disk Drive Bay**  
3 x vibration damped, front-accessed 5.25" x 2 and 3.5" x 1 bays
- **Enclosure**  
Prepainted galvanized steel. Front door with lock. A replaceable air filter is located behind the door. Color: Pantone 4C 2X black
- **LED Indicators**  
1 x system power, 1 x HDD data access
- **Mounting**  
19" rack (4U)
- **Power Input**  
115/230 V<sub>AC</sub> or 220 V<sub>AC</sub>, 60/50 Hz, 10/5 A
- **Weight (Net/Gross)**  
14 kg (30.87 lbs)/16 kg ( 35.28 lbs)

#### Backplane Options

- **PCA-6108P8-0A1** 8 PCI
- **PCA-6108E-0C1** 8 ISA

#### LCD Display

- **Backlight MTBF (hrs)** 20,000 hours
- **Display Size** 6"
- **Display Type** VGA TFT LCD
- **Luminance** 400 cd/m<sup>2</sup>
- **Max. Colors** 262 K
- **Max. Resolution** 640 x 480
- **OSD Control** Front panel
- **Viewing Angle (H/V°)** 120/100

#### Environment

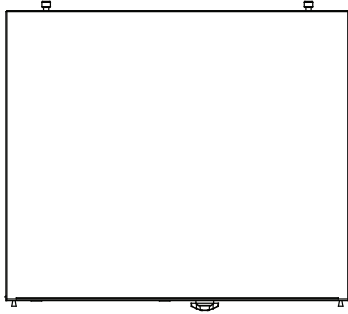
- **Humidity** 10 ~ 95% RH @ 40° C, non-condensing
- **Operating Temperature** 0 ~ 45° C (32 ~ 113° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration (Operating)** 5 ~ 500 Hz, 1 Grms (Random)
- **Vibration (Storage)** 5 ~ 500 Hz, 2.16 Grms (Random)

### Ordering Information

- **ATM-4008R1-X** 8 PCI slot Industrial Automation Platform with 6" LCD/4U/Half size/Rear Wiring/PCA-6108P8-0A1/250 W Power Supply

# Dimensions

Unit: mm



UNIT : mm [inch]

