

# ATM-4233

## 4U 14-slot Industrial Automation Platform with 6" LCD



### Features

- 4U height 19" rackmount platform with 6" TFT LCD display
- Integrated Video A/D Board ensures CPU compatibility up to Intel® Pentium® 4
- 14-slot expansion passive backplane
- Front accessible disk drive bays for easy installation of two vibration damped 5.25" drives, and one 3.5" drive
- OSD control for brightness adjustment
- Applicable for industrial automation control and monitoring
- Suitable for automated test & measurement equipment and production line quality control
- 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

In response to customer requests, and to increase overall product performance and competitiveness in the current IPC market, ATM-4233 is a new product based on the popular ACP-4001. ATM-4233 has been equipped with a high brightness 6" color TFT LCD panel, an integrated video A/D board with VGA input, a new passive backplane (2 options), and is compatible with CPU cards up to Intel Pentium 4.

### 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
- **Dimensions (W x H x D)** 482 x 173 x 450 mm (18.98" x 6.8" x 17.7") (4U)
- **Disk Drive Bay**  
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)**  
18.5 kg (40.79lbs)/20 kg (44.09lbs)

#### Backplane Options

- **PCA-6114P10-B** 2 ISA/10 PCI/2 PCIMG

#### LCD Display

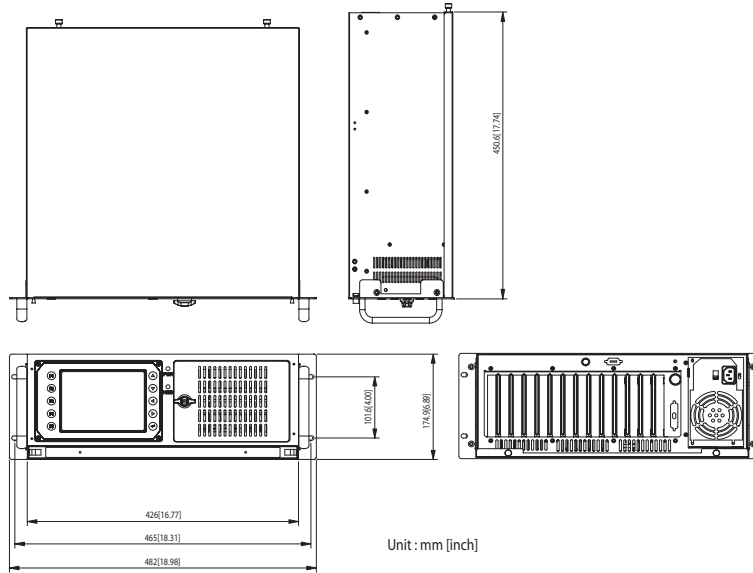
- **Backlight Life** 20,000 hours
- **Display Size** 6"
- **Display Type** VGA TFT LCD
- **Luminance** 400 cd/m<sup>2</sup>
- **Max. Resolution** 640 x 480
- **Max. Colors** 262 K
- **OSD Control** Front panel
- **Viewing Angle (H/V°)** 120/100

#### 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)

## Dimensions

Unit: mm



## Ordering Information

- ATM-4233N10-25Z** 14-slot (2 ISA/10 PCI/2 PCIMG) Industrial Automation Platform with 6" LCD/4U/Standard Size/Rear Wiring/PCA-6114P10-B/250W Power Supply

