

ATM-4233

4U 14-slot Industrial Automation Chassis with 6" LCD

NEW



Features

- 4U height 19" rackmount chassis with 6" TFT LCD display.
- Integrated Video A/D Board ensures CPU card compatibility up to Intel® Pentium® 4
- 14-slot expansion passive backplane
- Front accessible disk drive bays for easy installation of up to 3 vibration damped 5.25" 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 portal and 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 the following features and functions.

- New high brightness 6.4" color TFT LCD panel.
- Integrated Video A/D Board with VGA input.
- Compatible with CPU cards up to Intel Pentium 4
- New passive backplane: (2 options)

Specifications

General

- **Disk Drive Bay** 3 x vibration damped, front-accessed 5.25" bays.
- **Cooling Fan** Dual 90mm easy-to-replace high CFM cooling fans
- **Controls** Power On/Off Button in front panel (behind the lockable door)
Reset Button in front panel (behind the lockable door)
OSD: (On/Off, Menu, Select, Auto, Right, Left)
- **Display** 6" TFT LCD display and membrane control interface on both sides
- **Connectors** Front access USB x 2; 1 x 6-pin PS/2 keyboard port and 1 x 6-pin PS/2 mouse port (front Panel), 6-pin PS/2 keyboard port for external connection (rear panel).
- **Front Panel & Lockable Door** Aluminum ionized anti-scratch protection.
An accessible air filter is located behind the door.
- **External LED Indicator** 1 x system power, 1 x HDD data access
- **Dimensions (W x H x D)** 482 x 173 x 450 mm (19" x 6.8" x 17.7")
- **Weight** 18 kg (35.2 ~ 39.6 lb)
- **Paint Color** Pantone 4C 2X black, textured
- **Certifications** CE, FCC, CCC and BSMI

Environment

- **Operating Temperature** 0 ~ 40° C (32 ~ 104° F),
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Relative Humidity** 10 ~ 95% @ 40° C, non-condensing
- **Vibration (Operating)** 5 ~ 500 Hz, 1 grms (Random)
- **Vibration (Storage)** 5 ~ 500 Hz, 2.16 grms (Random)

LCD Display

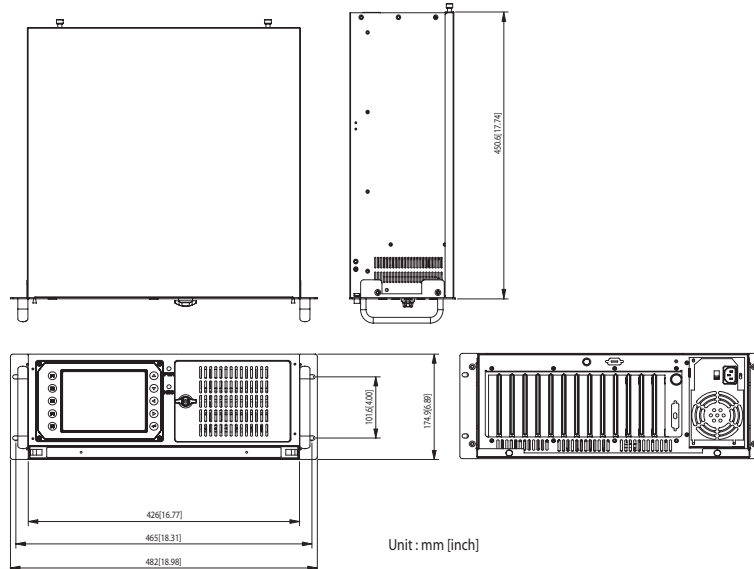
- **Display Type** 6" TFT color LCD
- **Max. Resolution** 640 x 480
- **Max. Colors** 262 K
- **Luminance** 400 cd/m²
- **Viewing Angle** 120° (H), 100° (V)
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **OSD control for Brightness adjustment**
- **Backlight MTBF** 10,000 hours

Backplane Options

- **PCA-6114P4-C** 8 ISA/4 PCI/2 PCIMG
- **PCA-6114P10-B** 2 ISA/10 PCI/2 PCIMG

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
- **ATM-4233N10-C2** 14-slot (2 ISA/10 PCI/2 PCIMG) Industrial Automation platform with 6" LCD / 4U /Standard Size/Rear Wiring/ PCA-6114P10-B/ PCA-6004VE-00A1(C3 800MHz)/ 250W Power Supply
- **ATM-4233N10-C3** 14-slot (2 ISA/10 PCI/2 PCIMG) Industrial Automation platform with 6" LCD / 4U /Standard Size/Rear Wiring/ PCA-6114P10-B/ PCA-6003VE-00A1(PIII)/250W Power Supply
- **ATM-4233N10-C4** 14-slot (2 ISA/10 PCI/2 PCIMG) Industrial Automation platform with 6" LCD / 4U /Standard Size/Rear Wiring/ PCA-6114P10-B/ PCA-6186VE-00A1(P4 800 MHz FSB)/250W Power Supply
- **ATM-4233N4-25Z** 14-slot(8 ISA/4 PCI/2 PCIMG) Industrial Automation platform with 6" LCD /4U /Standard Size/Rear Wiring/ PCA-6114P4-C / 250W Power Supply
- **ATM-4233N4-C2** 14-slot (8 ISA/4 PCI/2 PCIMG) Industrial Automation platform with 6" LCD /4U/Standard Size/Rear Wiring/ PCA-6114P4-C/ PCA-6004VE-00A1(C3 800MHz)/ 250W Power Supply
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