

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 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
1 x 6-pin PS/2 keyboard port
1 x 6-pin PS/2 mouse port

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 (WxHxD)

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

Aluminum with anti-scratch protection. 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_{AC} or 220 V_{AC}, 60/50 Hz, 10/5 A

▪ Weight (Gross)

18 kg (35.2 ~ 39.6 lb)

Backplane Options

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

LCD Display

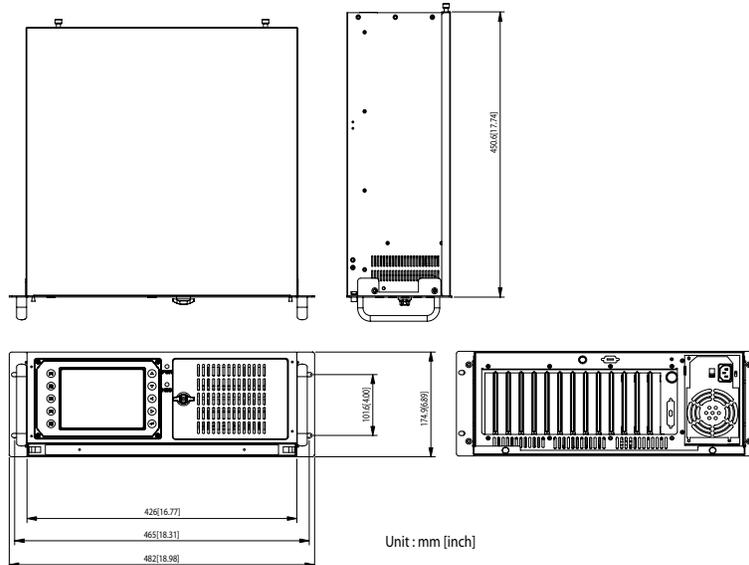
- Backlight Life 10,000 hours
- Display Size 6"
- Display Type VGA TFT LCD
- Luminance 400 cd/m²
- Max. Resolution 640 x 480
- Max. Colors 262 K
- OSD Control Front panel
- Viewing Angle (H/V°) 120 / 100

Environment

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

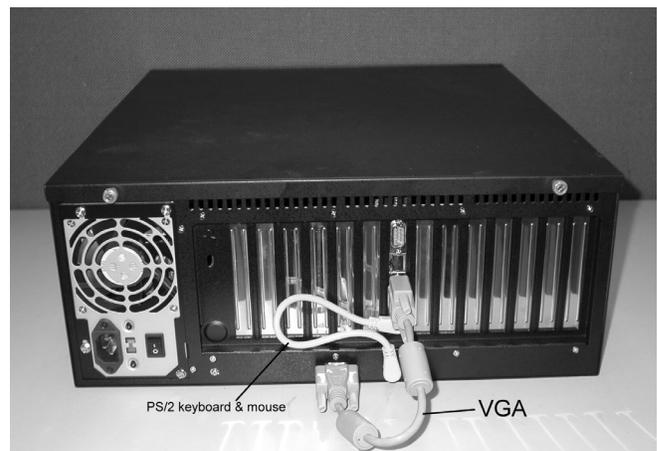
Dimensions

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



- 1 Software
- 2 IPPC
- 3 TPC
- 4 FPM
- 5 **ATM & AWS**
- 6 DA&C
- 7 cPCI
- 8 ADAM-3000
- 9 Motion Control
- 10 ICOM
- 11 Industrial Networking
- 12 UNO
- 13 ADAM-4000
- 14 ADAM-5000
- 15 ADAM-6000
- 16 ADAM-8000
- 17 BAS