

ATM-4233L1

4U 14-slot Industrial Automation Chassis

NEW



Features

- 4U height 19" rackmount chassis
- 14-slot expansion passive backplane
- Disk drive bays for easy installation of two vibration damped 5.25" drives, and one 3.5" drive
- Applicable for industrial automation control and monitoring
- Suitable for automated test & measurement equipment and production line quality control
- Front accessible USB ports x 2, power on/off and reset button
- Telecom/power station platform for test & measurement equipment
- Flexible mechanical design supports 300W ATX PFC PS/2 power supply and 300W ATX PFC redundant power supply

Introduction

In response to customer requests, and to increase overall product performance and competitiveness in the current IPC market, ATM-4233L1 is a new product based on the popular ATM-4233. ATM-4233L1 is compatible with CPU cards up to Intel® Pentium® 4.

Specifications

General

- **Button Controls**
Behind Lockable Door: Power on/off
Reset button
Keyboard Drawer: Optional 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 (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**
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 (Net/Gross)**
18 kg (35.2 ~ 39.6 lbs)

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)

Backplane Options

- **PCA-6113P4R-0C1**
13 slot PICMG BP, 7ISA, 4PCI, 2PICMG
- **PCA-6114P12X-A**
64-bit 14 slots: 1 ISA, 11 PCI, 1 PICMG

CPU Card Options

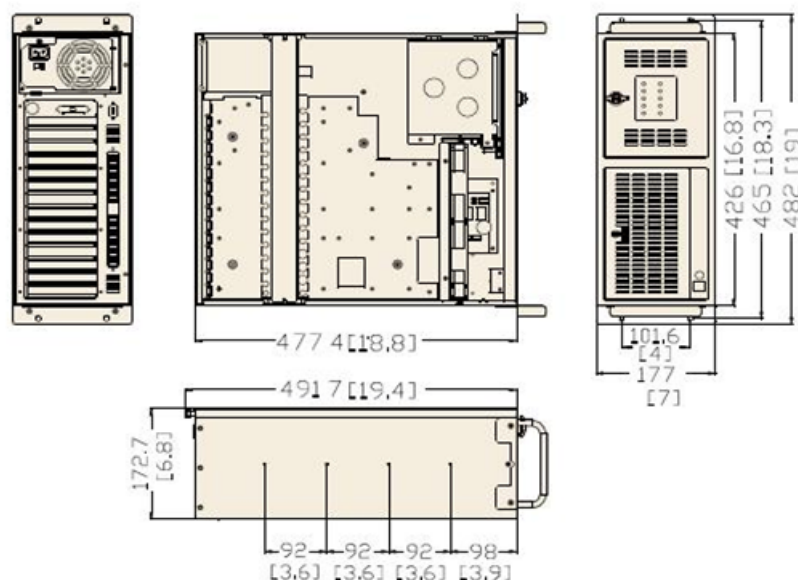
- **PCA-6003VE**
PIII (Tualatin) FSBC with VGA/LAN
- **PCA-6186VE**
P4 FSBC with VGA/LAN/HISA
- **PCA-6187VE**
P4 FSBC with VGA/Single FE LAN/HISA

Power Supply Options

- **PS-300ATX-ZB**
Power 300W ATX w/PFC AC/DC
- **PS-400ATX-ZB**
Power 400W ATX w/PFC AC/DC
- **RPS-300ATX-Z**
Redundant Power 300W ATX w/PFC

Dimensions

Unit: mm



Ordering Information

- ATM-4233L1 4U 14-slot Industrial Automation Chassis
- ATM-4233L1-C2 4U 14-slot Industrial Automation Chassis / Standard Size / Rear Wiring / PCA-6113P4R-0C1 / PCA-6003VE / 300W Power Supply
- ATM-4233L1-C3 4U 14-slot Industrial Automation Chassis / Standard Size / Rear Wiring / PCA-6113P4R-0C1 / PCA-6186VE / 300W Power Supply
- ATM-4233L1-C4 4U 14-slot Industrial Automation Chassis / Standard Size / Rear Wiring / PCA-6113P4R-0C1 / PCA-6187VE / 300W Power Supply
- ATM-4233L1-KB Keyboard Kit for ATM-4233L1 Series
- PS 300ATX-ZB Power 300W ATX w/ PFC AC-DC
- PS-400ATX-ZB Power 400W ATX w/ PFC AC-DC
- RPS-300ATX-Z Redundant Power 300W ATX w/ PFC

