

AMC-263

Heavy-duty steel
6-slot wallmount Chassis
Standard 1U Power Supply
6 slots PCISA/PICMG_PCI bus

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Packing List

Before you begin installing your card, please make sure that the following materials have been shipped:

- 1 Screws package
- 2 Wallmount Kits
- 1 Quick Installation Guide
- 1 CD-ROM for manual (in PDF format)
- 1 AMC-263 Empty Chassis

If any of these items should be missing or damaged, please contact your distributor or sales representative immediately.

Contents

Chapter 1 General Information

1.1 Introduction.....	1-2
1.2 Features	1-3
1.3 Specifications	1-3
1.4 Dimension Diagram.....	1-5
1.5 General System Information	1-6
1.6 Connectors and Drive Bay Location.....	1-7

Chapter 2 Quick Installation Guide

2.1 Removing the Cover.....	2-2
2.2 Fasten the Backplane.....	2-3
2.3 Power Supply Installation.....	2-4
2.4 Adding a Floppy Disk / Hard Disk	2-5
2.5 Replacing the Filter	2-7

Chapter

1

**General
Information**

1.1 Introduction

AMC-263 is a 6 slot wallmount industrial computer chassis for space limited application. Especially in rugged factory floor environment, AMC-263 ensures stable operation to free you from shut down risk or any other disturbance.

The AMC-263 comes with a 6-slot PICMG backplane to maximize the high performance of Pentium 4 full-size CPU Cards. An ATX 12V power supply up to 300W is also equipped dedicated to Pentium 4 CPU Card. Inside this chassis, you can attach one Floppy and one 3.5" Hard disk drives for high data storage capacity.

On the front panel of AMC-263, one LED indicator indicates the Hard Disk Drive activity. The front panel also provides two switches for system reset and power ON/OFF. And two USB ports provide easy-to-access interface for your various USB peripherals. At the bottom of AMC-263, one set of wallmount kit reserves the flexibility for wallmount application.

1.2 Features

- 6-slot Wallmount Chassis
- Supports 6 Slots PCISA/PICMG Bus Passive Backplanes
- Supports Standard 1U Power Supply Up To 300W
- One Front Panel 3.5" Disk Drive Bay For Floppy Drive
- One Internal 3.5" and one Internal 2.5" Disk Drive Bays For Hard Disks
- Two USB Connectors On Front Panel, And Two On Rear Panel

1.3 Specifications

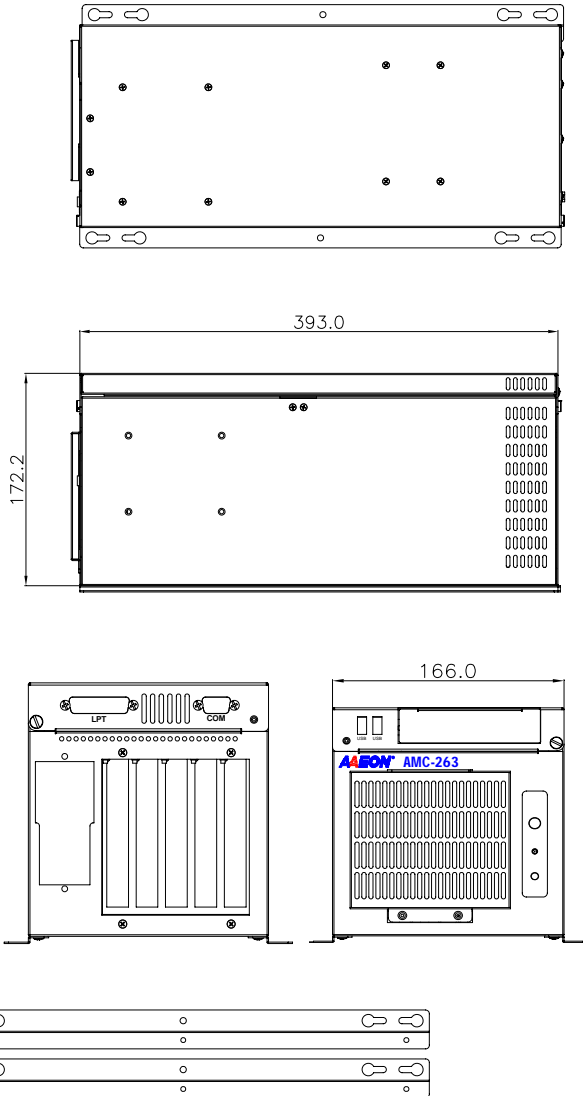
- Construction Heavy-duty Steel Chassis
- Storage External: One 3.5" Floppy Drive
Internal: One 3.5" Hard Disk
One 2.5" Hard Disk
- System Fan One 92mm Ball Bearing Fan with Removable Filter
- Front I/O Panel Power ON/OFF Switch x 1
Reset Button x 1
HDD Active LED x 1
USB Connector x 2
- Rear I/O Panel Reserved cutout for DB-25 connector x 1;

- Reserved cutout for DB-9 connector x 1;
- USB connector x 2 (can use USB cable)
- Color White
- Dimension 6.54"(W) x 14.47"(D) x 6.69" (H)
(166mm x 393mm x 170mm)
- Net Weight 12.32 lb (5.6Kg)
- Gross Weight 15.4 lb (7Kg)

Environmental Specification

- Operating Temperature 32°F~122°F (0°C~50°C)
- Storage Temperature -4°F~176°F (-20°C~80°C)
- Operating Humidity 10%~80%
- Storage Humidity 10%~80% @ 40°C,
non-condensing
- Vibration 0.5G/ 5~500Hz/ operation;
1. 5G/ 5~500Hz/ non operation
- Shock 10G peak acceleration
(11 m sec. duration), operation;
20G peak acceleration (11 m
sec. duration), non operation
- EMC CE/ FCC Class A

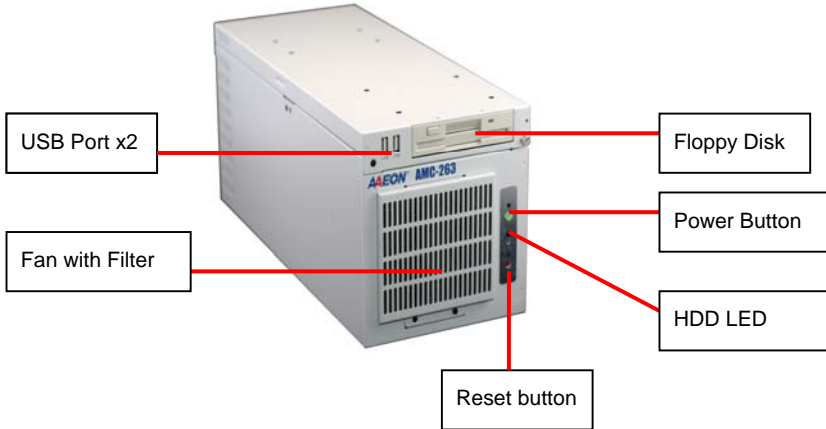
1.4 Dimension Diagram



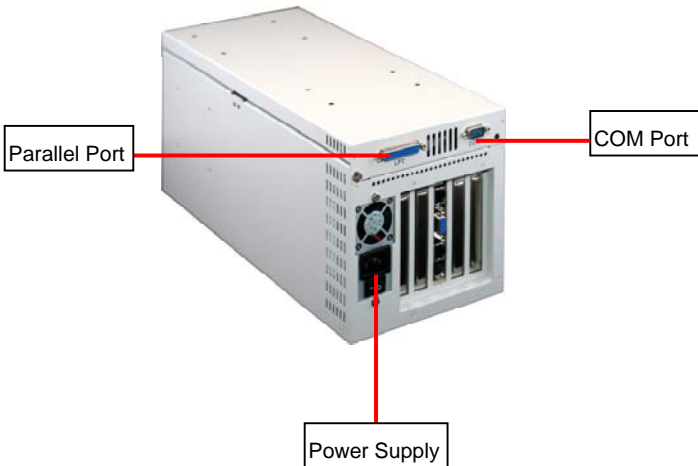
Mounting Brackets

1.5 General System Information

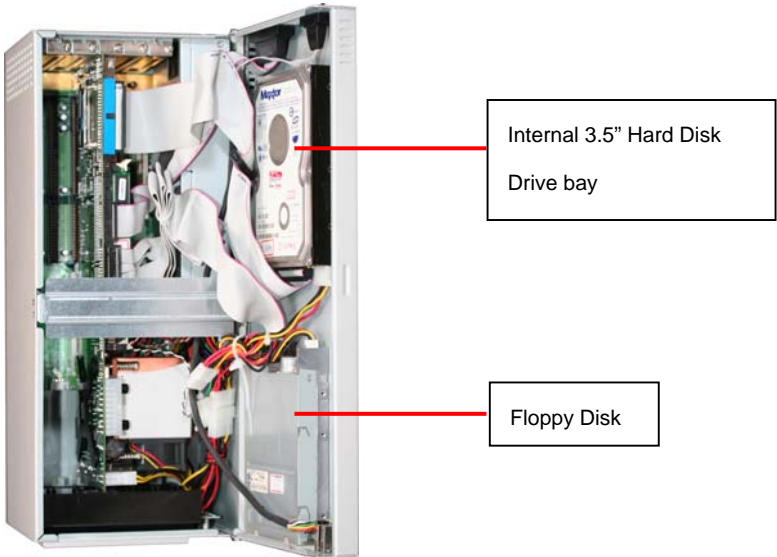
Front Panel



Rear Panel



1.6 Connectors and Drive Bay Location



Chapter

2

**Quick
Installation
Guide**



Notice:

The Quick Installation Guide is derived from Chapter 2 of user manual. For other chapters and further installation instructions, please refer to the user manual CD-ROM that came with the product.

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Before you install any drivers or plug cards into AMC-263, please switch off and remove the power cord.

2.1 Removing the Cover

Before you install any drives or plug-in cards into AMC-263, you have to open the cover first.



Unscrew the
Cover



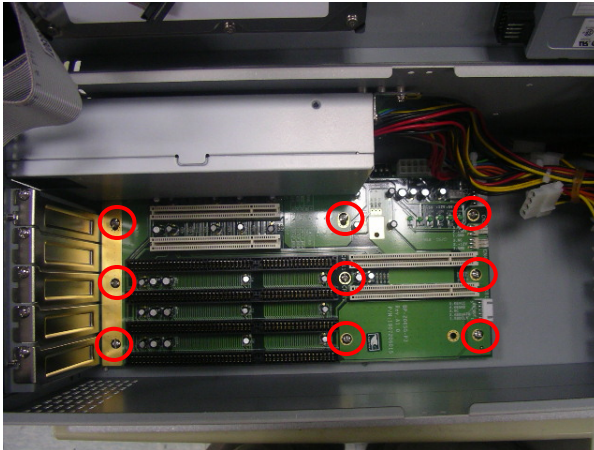


Lift the Chassis Lid

2.2 Fasten the Backplane

Screw to fix the Backplane into the chassis, please refer to the following figures and procedures:

Step1: Attached the Backplane to the chassis with six screws.



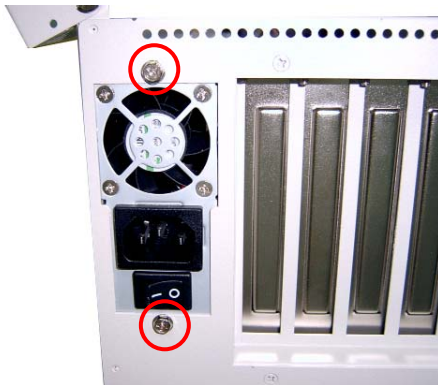
2.3 Power Supply Installation

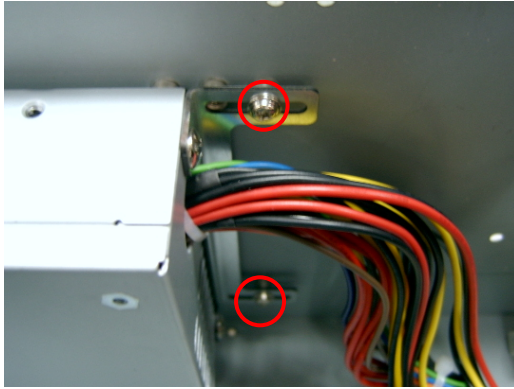
To install a ATX power supply, please refer to the following figures and procedures:

Step1: Screw the bracket into the power supply



Step 2: Attach the power supply to the bracket with four screws





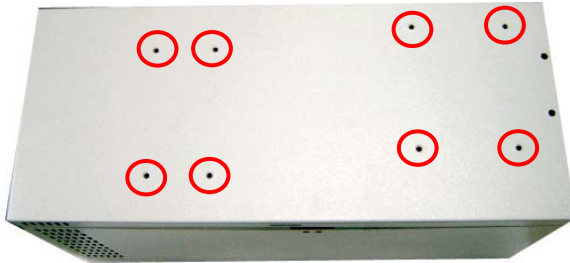
2.4 Adding a Floppy Disk / Hard Disk

Floppy Disk / Hard Disk can fit in the cover of AMC-263.

To install the disk driver bay, please refer to the following figures and procedures:

Step1: Adding 3.5" HDD or Floppy Disk, you can fasten it in the cover of chassis





Step2: Connect the disk drive power and signal cables

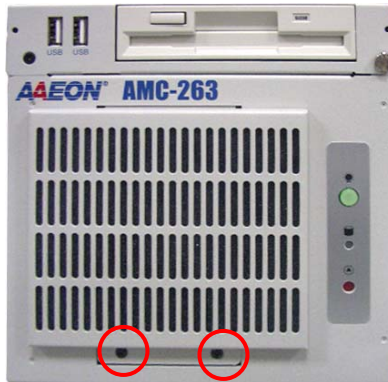


2.5 Replacing the Filter

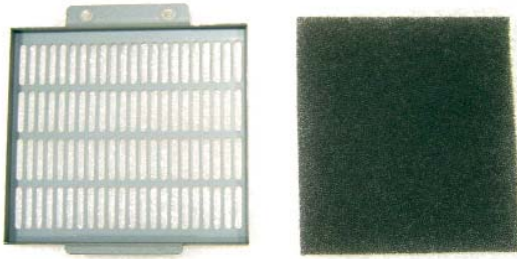
You may need to replace the used filter after a period of usage.

Please refer to the following figures and procedures:

Step1: Unscrew the two bottom screws of the filter cover then pull the cover free from the chassis



Step2: Remove the filter and replace it with a new one



Step3: Insert the filter and the cover back to the chassis and screw the cover through the hole at the bottom

