

## **AMC-250**

Heavy-duty steel chassis  
5 Slot wall Mounting Chassis  
Supports Flex ATX power supply  
Support 5 slots ISA/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 Empty cover
- 1 FDD cover
- 1 Slim module cover
- 1 Screws package
- 2 Wall-mount bracket
- 1 Quick Installation Guide

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

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Chapter

1

**General  
Information**

## 1.1 Introduction

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AMC-250 is a 5 slot wall-mount industrial computer chassis for space limited application. Mainly designed for system integrator or users who require compact system.

The unit supports 5-slot backplane and is equipped with a Flex ATX power supply. Take shockproof precautions measure for storage device. It can be vertically mounted and easy to fit into different space limited environment.

## 1.2 Features

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- 5 Slot wall Mounting Chassis
- Supports 5 slots ISA/PICMG\_PCI bus passive backplane
- Support standard Flex power supply up to 200W support
- One front panel 3.5" disk drive bay for Floppy Drive
- One front panel 5.25" disk drive bays for Slim CD-ROMs + Floppy
- One internal 3.5" or 2.5" disk drive bays for Hard Disks
- Two USB connector on front panel

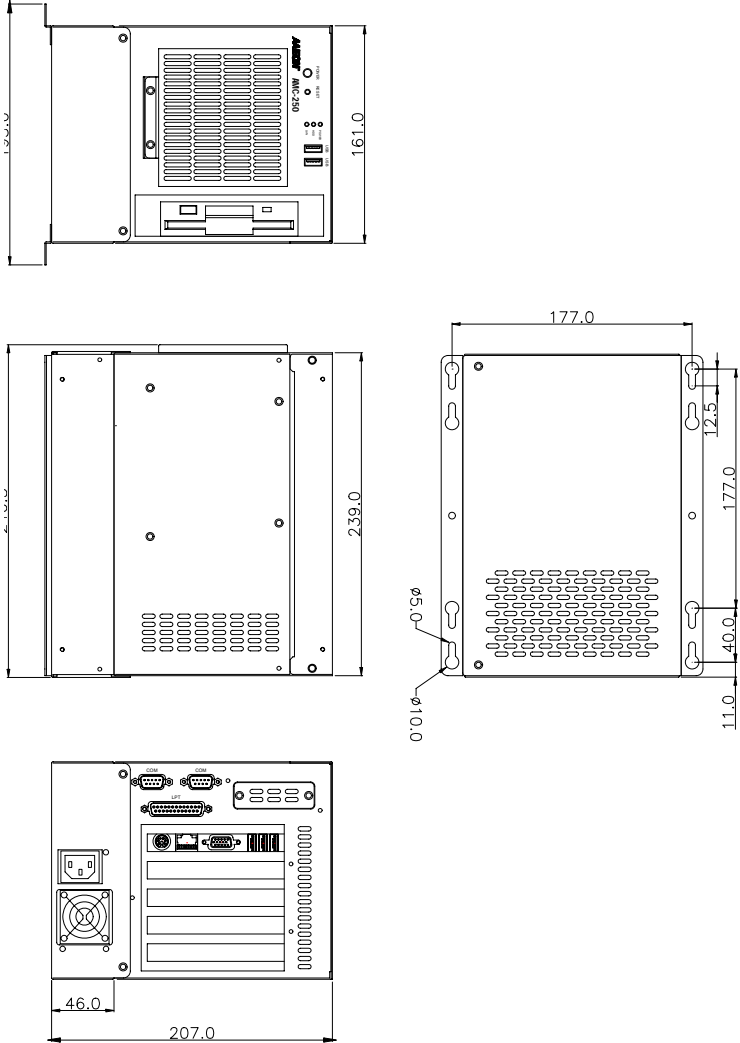
### 1.3 Specifications

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<b>Construction:</b>	Heavy-duty steel chassis
	External :
<b>Storage</b>	One 3.5" Floppy Drive or One 5.25" Slim CD-ROMs + Floppy
	Internal : One 3.5" or 2.5" Hard Disk
<b>System Fan</b>	One 8cm Ball Bearing Fan with removable filter
	Power ON/OFF Switch X 1
	Reset Button X 1
<b>Front I/O panel</b>	Power LED X 1
	HDD Active LED X 1
	LAN LED X 1
	USB Connector X 2
<b>Rear I/O Panel</b>	Reserved cutout for DB-25 connector X 1
	Reserved cutout for DB-9 connector X 2
<b>Color</b>	White
<b>Dimensions</b>	155mm (W) x 246mm (D) x 198mm(H)
<b>Net weight</b>	5.5 kg
<b>Gross weight</b>	6.3kg
<b>Operating Temp.</b>	32 ~ 113 °F (0 ~ 50 °C)
<b>Storage Temp.</b>	-4 ~ 158 °F (-20 ~ 80 °C)
<b>Operating humidity:</b>	10 ~ 80%
<b>Storage humidity:</b>	10 ~ 80% @ 40C, non-condensing

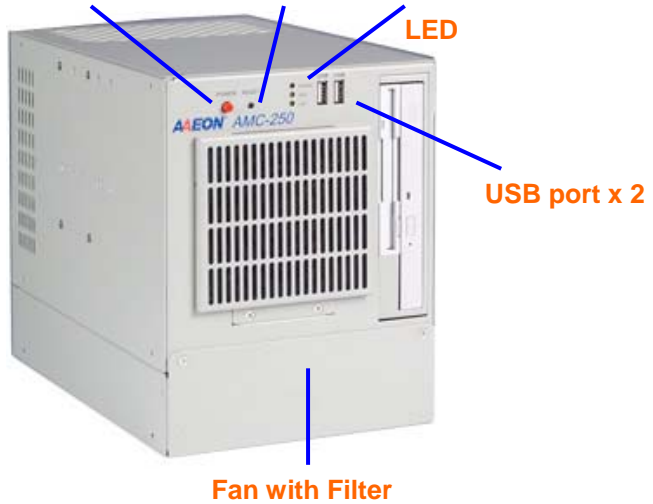
<b>Vibration</b>	0.5G / 5 ~ 500Hz / operation (2.5" H.D.D) 1.5G / 5 ~ 500Hz / no operation
<b>Shock</b>	10G peak acceleration (11 m sec. duration), operation 20G peak acceleration (11 m sec. duration), non operation
<b>EMC</b>	CE, FCC Class A

1.4 Dimension Diagram

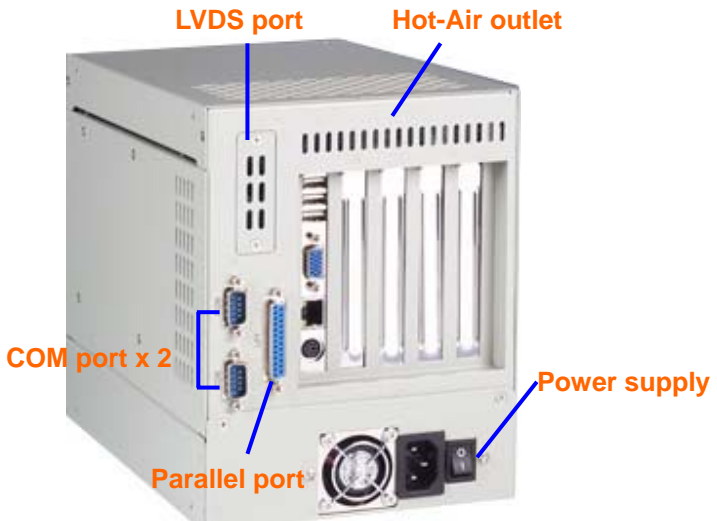


### 1.5 General System Information

Front Panel: **Power Button** **Reset Button** **Power / HDD / LAN LED**



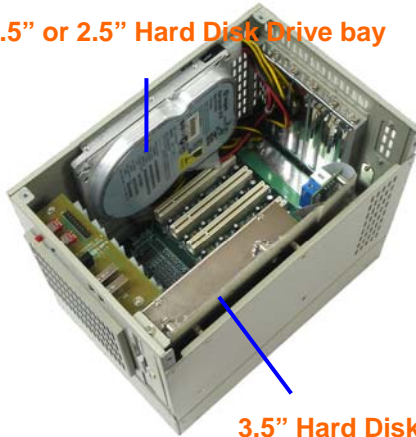
Rear Panel:



## 1.6 Connectors and Drive Bay Location

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Internal 3.5" or 2.5" Hard Disk Drive bay



3.5" Hard Disk Drive / Slim  
type CD-ROM / Floppy Disk

## 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.*

## 2.1 Removing the Cover

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Before you install any drives or plug-in cards into AMC-250, you have to open the cover first.



- Unscrew the cover



- Lift the chassis lid

## 2.2 Fasten the Backplane

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

Step1: Fasten the four screws in the AMC-250.



Step2: Attach the Backplane to the chassis with four screws.



Step3: Plug in a Flex ATX power connector from the power supply.



### 2.3 Adding a Floppy Disk / Hard Disk / Slim-type CD-ROM

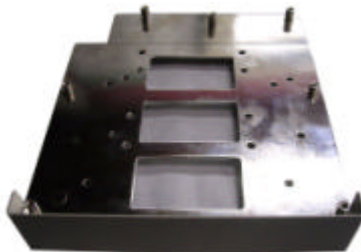
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Floppy Disk / Hard Disk / Slim-type CD-ROM can fit in AMC-250 standard drive bay. To install the disk drive bay, please refer to the following figures and procedures:

Step1: Unscrew the four standard driver bay screws from the chassis.



Step2: Remove the drive bay.



Step3: Insert the disk drive you want into the drive bay (see the following types) and get it screwed in the four holes on the side of the disk drive.

**Floppy Disk Drive****3.5" HDD****2.5" HDD****Slim type CD-ROM + Floppy**

Note: Adding 2.5" HDD / 3.5" HDD, you can fasten it in the other side of chassis.



Step4: Connect the disk drive power and signal cables.

## **2.4 Power supply installation**

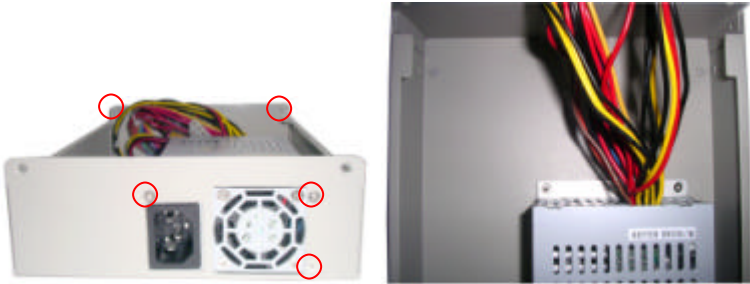
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To install a Flex ATX power supply, please refer to the following figures and procedures:

Step1: Unscrew the power supply cover from the chassis base.



Step2: Attach the power supply to the bracket with 5 screws.



Note: AMC-250 has one Flex ATX power supply and the other 1U ATX power is optional. Repeat the procedures above to install a 1U ATX power supply.

## 2.5 Replacing the Filter

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

Please refer to the following figures and procedures:

Step1: Unscrew the 2 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.

