

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.

OZONE SAFE



RECYCLABLE

2.1 Safety Precautions

Warning!

Always completely disconnect the power cord from your board whenever you are working on it. Do not make connections while the power is on, because a sudden rush of power can damage sensitive electronic components.

Caution!

Always ground yourself to remove any static charge before touching the board. Modern electronic devices are very sensitive to static electric charges. Use a grounding wrist strap at all times. Place all electronic components on a static-dissipative surface or in a static-shielded bag when they are not in the chassis

2.2 FCC Statement

This device complies with part 15 FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received including interference that may cause undesired operations.

This equipment has been tested and found to comply with the limits for a class "A" digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

2.3 Notice

Dear Customer,

Thank you for purchasing the AEC-204 wallmount chassis. This quick installation guide is designed to assist you. Please read it thoroughly before you install and use this chassis. The product that you have purchased comes with a two year limited warranty, however AAEON will not be responsible for misuse of the product. Therefore, we strongly urge you to read this installation guide before using the product.

To receive any other information or if you have a question, please visit our Web site at:

<http://www.aaeon.com>

The document is for your information only and is subject to change without notice. While reasonable efforts have been made in the preparation of this document to assure its accuracy, AAEON, assumes no liabilities resulting from errors or omissions in this document, or from the use of the information contained herein.

AAEON reserves the right to make changes in the product design and user's guide without notice.

2.4 Power Connection

The AEC-204 compact chassis offers a traditional power module with 150 watts of power. Situated in the bottom of the chassis in a enclosed housing, this power supply will limit the negative effects of electrical magnetic interference.

2.5 Removing the covers

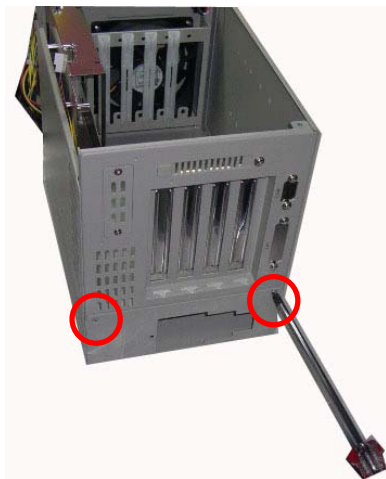
Step 1: Unscrew the top cover



Step 2: Lift up the lid of the chassis



Step 3: Unscrew the bottom cover



Step 4: Separate the bottom cover from the chassis



2.6 Installing the power supply and backplanes

The power supply is to be secured at the bottom of the chassis. The fan and power cord connection (in the rear of the power supply) should face the opening on the rear of the chassis

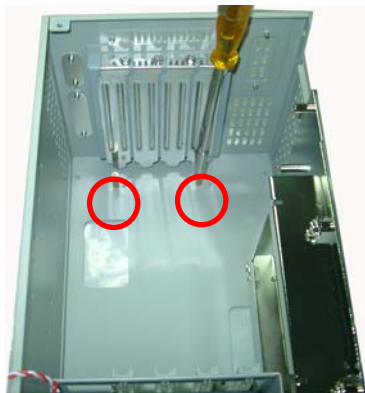
Step 1: Fasten the two screws of the power supply to the Chassis



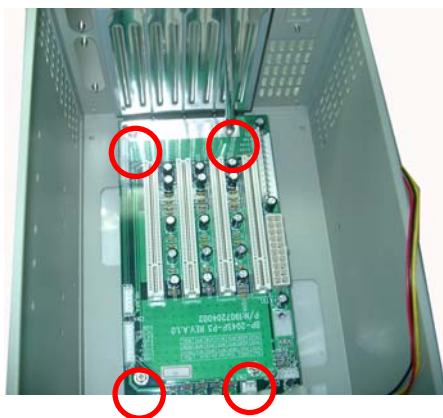
Step 2: Fasten another two screws on the rear of the chassis to provide additional support.



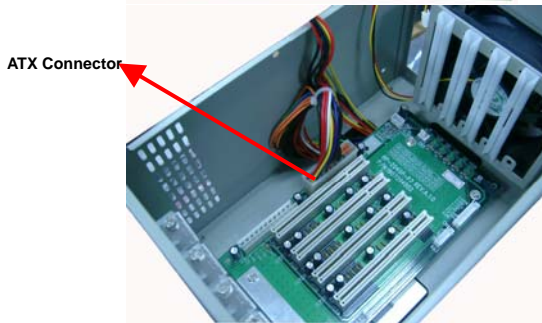
Step 3: Fasten the four copper pillars in the Chassis



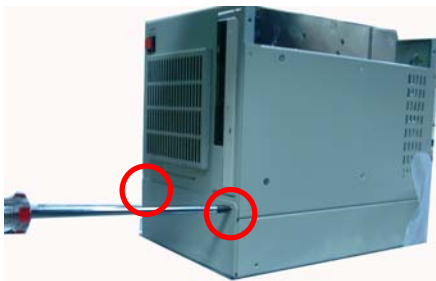
Step 4: Place the backplane to the Chassis and fasten the backplane with four screws



Step 5: Pass the power cables through the hole in the bottom of the Chassis and then plug into the ATX connector

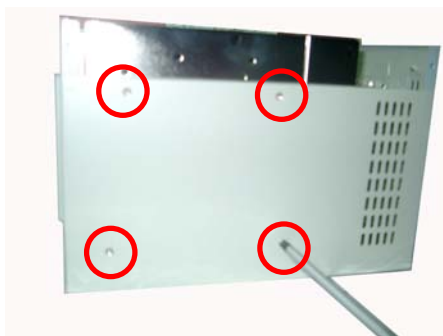


Step 6: Screw the bottom of the Chassis with the four screws



2.7 Installing the Floppy Disk Drive and CD-ROM

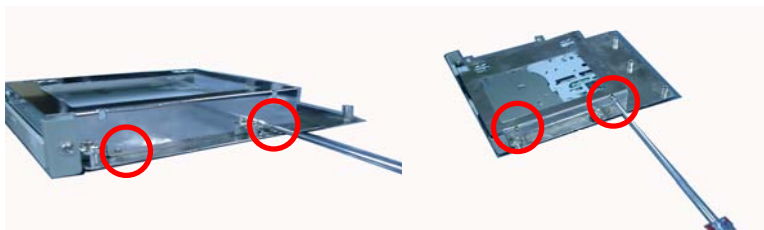
Step 1: Remove the bracket for the Module



Step 2: Unscrew the module



Step 3: Insert the CD-ROM/ FDD into the bracket and brace the CD-ROM/FDD unit with four screws.



Step 4: Replace the whole unit back to the Chassis



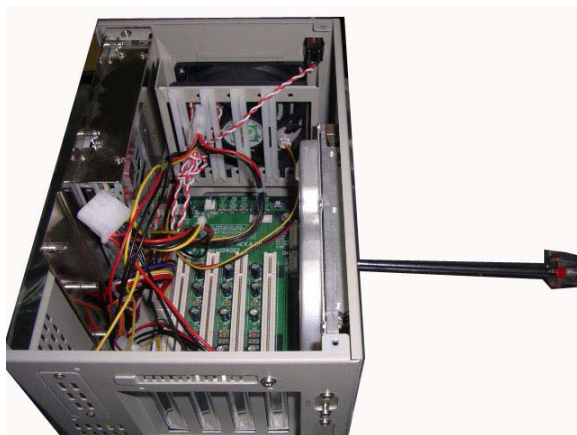
Step 5: You may choose the attached parallel port and serial port I/O connectors. Simply brace the connector to the specified slot location with the provided screws. Then connector one end to the CD-ROM /FDD drive and the other end to the CPU board through accessory board



Note: Don't forget to attach the face plate to the opening slot in the front of the chassis

2.8 Installing the Hard Disk Drive

Step 1: Hold the HDD against the wall of the chassis, and insert four screws from the outside of the chassis to brace the module.



2.9 Cable Connections

Note: Each cable has a specific colored line designated for pin number 1 make sure these connections are carefully carried out.

Hard drive cable connection

Find the 40-pin and 44-pin header hard drive cable. Plug the 40-pin header and plug this end into the hard drive, and connect the 44-pin header into CPU board.

Floppy drive cable connection

Find the 34-pin header floppy drive cable. Connect one end to the floppy drive and the other to the CPU board (34-pin).

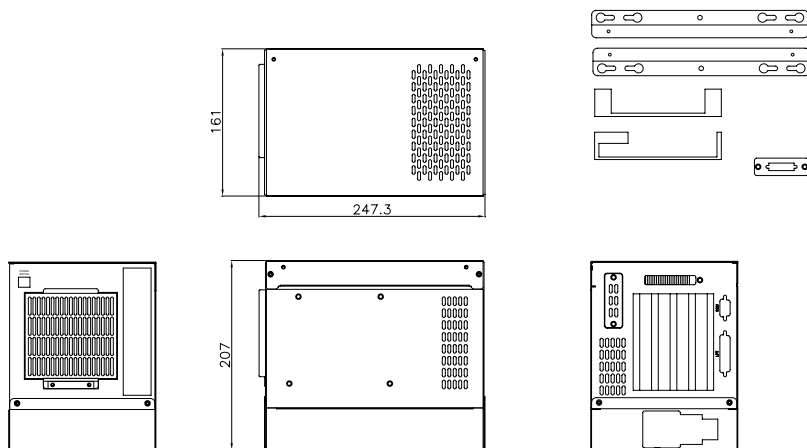
CDROM cable connection

Find the 40-pin header CDROM cable. Connect one end to the CDROM drive and the other end to the CPU board through accessory board (40-pin).

Chassis Internal Cables

Power led cable, reset cable, internal P/S 2 cable, COM cable, serial cable, printer port cable, Ethernet, reset button cable, MIC in cable, line in/out cable all these cables have their specific locations refer to the SBC manual to find their specific pin position.

2.10 AEC-204 Component Image



Below Table for China RoHS Requirements

产品中有毒有害物质或元素名称及含量

AAEON Boxer/ Industrial System

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板 及其电子组件	×	○	○	○	○	○
外部信号 连接器及线材	×	○	○	○	○	○
外壳	×	○	○	○	○	○
中央处理器 与内存	×	○	○	○	○	○
硬盘	×	○	○	○	○	○
电源	×	○	○	○	○	○
<p>O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。</p> <p>X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。</p> <p>备注:</p> <p>一、此产品所标示之环保使用期限，系指在一般正常使用状况下。</p> <p>二、上述部件物质中央处理器、内存、硬盘、电源为选购品。</p>						