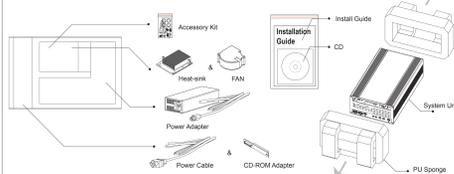


# Installation Guide

## General Information

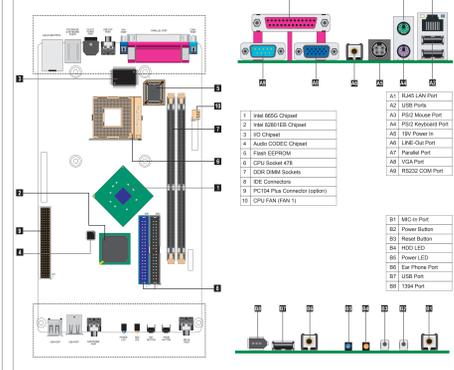
### Item Checklist

Specifications are subject to change without notice, reference only.



### Mainboard Layout

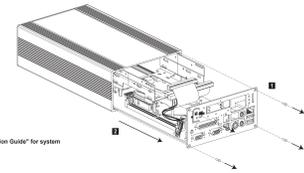
Specifications are subject to change without notice, reference only.



## Barebone System Unpacking Guide

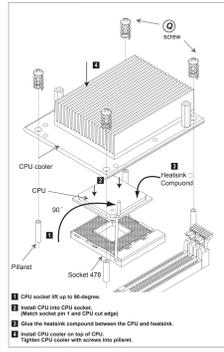
### Procedure

1. Loosen the screws on the rear panel from the case.
2. Push out the motherboard from the case.

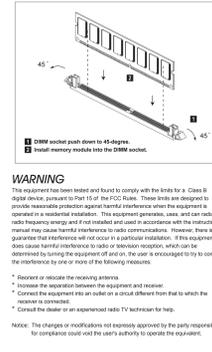


Please refer to "Hardware Installation" of "Installation Guide" for system installation procedure.

### Install CPU / Cooler



### Install Memory



### WARNING

This equipment has been tested and found to comply with the limits for a Class B 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 residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The design or modifications not approved by the manufacturer for compliance could void the user's authority to operate the equipment.

# Installation Guide

## Hardware Installation

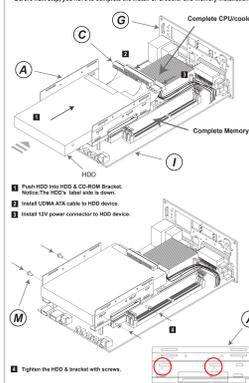
### Part List

- A HDD & CD-ROM bracket
- B CD-ROM Adapter
- C LDMATA Cable
- D CD-ROM 44-Pin Cable
- E FiveCOMVGA Screws (x5)
- F Front Panel
- G Rear Panel
- H Case
- I Mainboard
- J EMI Shield (x2)
- K Rubber Stand (x2)
- L Plastic Spacer (x2)
- M HDD Screws (x5)
- N CD-ROM Adapter Screws (x5)
- O CD-ROM Screws (x5)
- P Case Screws (x2)
- Q CPU Cooler Screws (x4)
- R CPU FAN Screws (x3)
- S Heat Sink Paste (x1)

### STEP 1

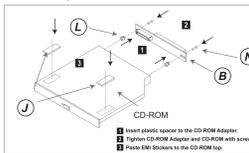
#### Install HDD device

Before next step, you have to complete the install CPU/cooler and memory installation.



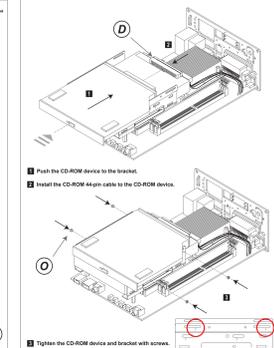
### STEP 2

#### Install CD-ROM adapter



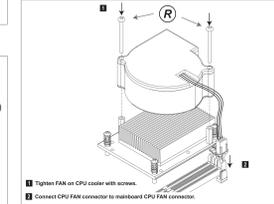
### STEP 3

#### Install CD-ROM device



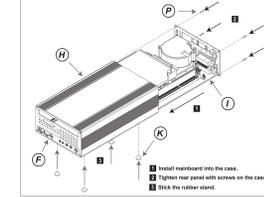
### STEP 4

#### Install FAN

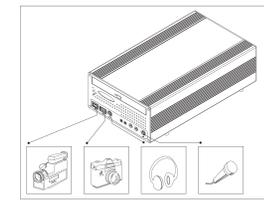


### STEP 5

#### Install Case



### Complete System



The system uses entire casing for partial heat dissipation, so the normal operating temperature is between 40°C ~ 55°C.

Specifications are subject to change without notice, reference only.