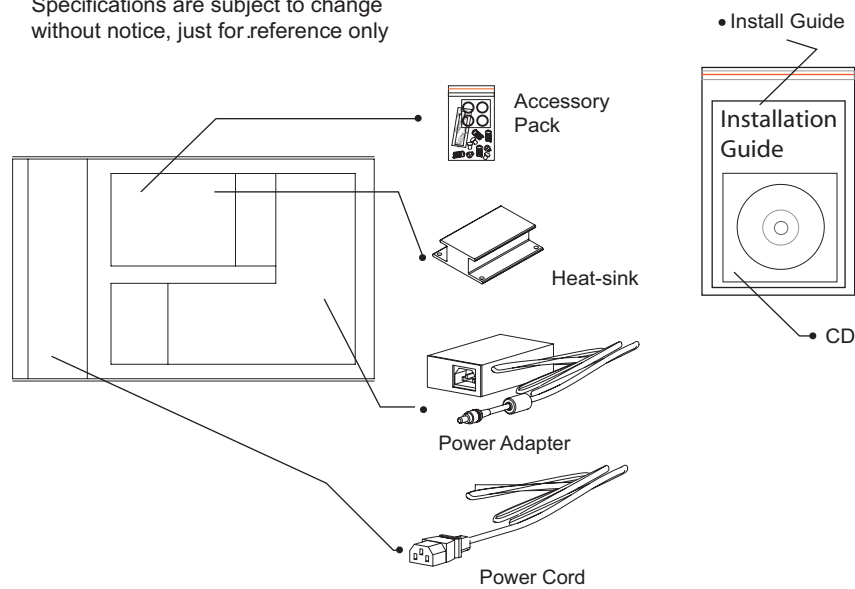


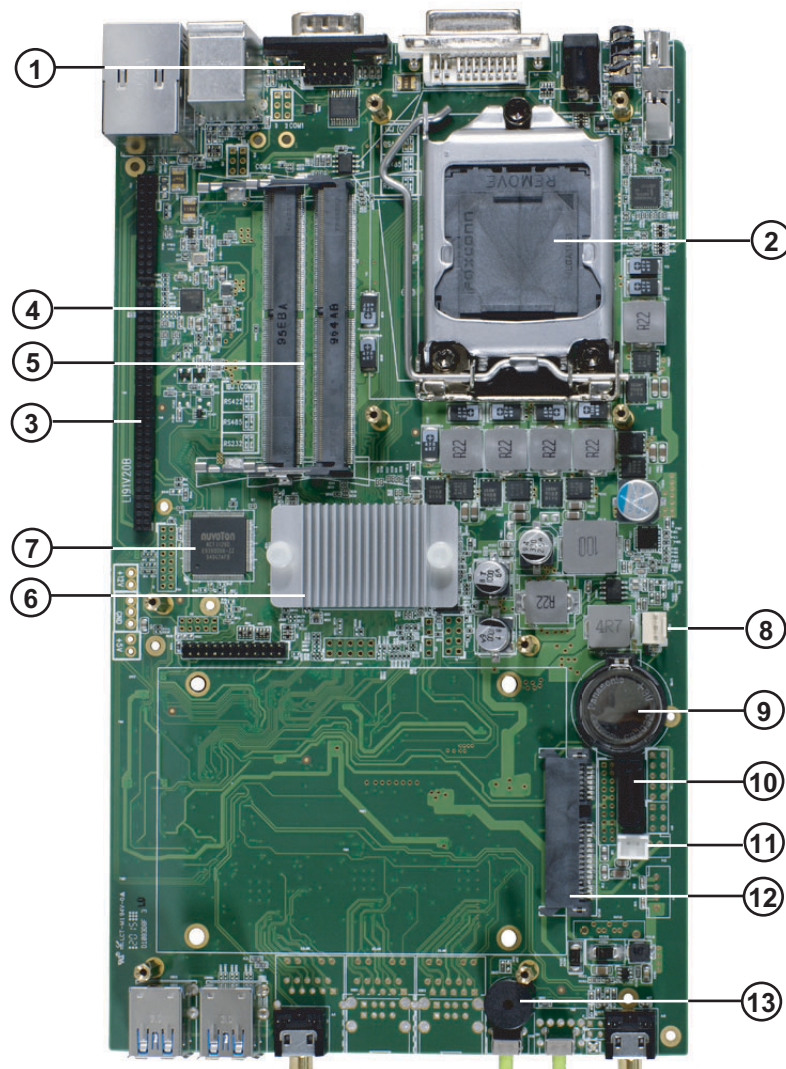
# INSTALLATION GUIDE

## Item Checklist

Specifications are subject to change without notice, just for reference only

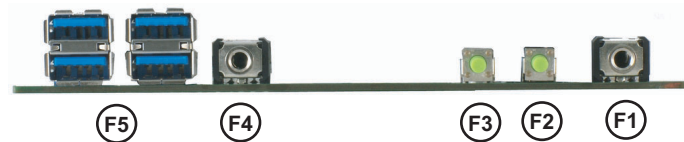


## Mainboard Layout

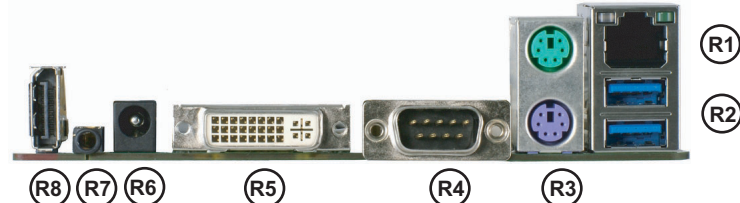


|    |                                 |    |                                |
|----|---------------------------------|----|--------------------------------|
| 1  | Secondary COM Port Header       | R1 | GigaLAN Port                   |
| 2  | CPU Socket                      | R2 | Two USB 3.1 Ports              |
| 3  | Optional Riser Card Slot        | R3 | PS/2 Keyboard and Mouse Ports  |
| 4  | Intel Giga LAN Chip             | R4 | COM 1                          |
| 5  | SODIMM Slots                    | R5 | DVI Port                       |
| 6  | Intel Q370 Chip                 | R6 | DC 12~48V Barrel Jack Power In |
| 7  | Super IO Chip                   | R7 | Line-Out Audio Port            |
| 8  | CPU Cooling Fan Power Connector | R8 | DP (Display Port)              |
| 9  | CMOS Battery                    | F1 | Mic-In Phone Jack              |
| 10 | SATA Cable Connector            | F2 | Power Button                   |
| 11 | SATA Power Connector            | F3 | Reset Button                   |
| 12 | SATA HDD Connector              | F4 | Ear Phone Jack                 |
| 13 | Buzzer                          | F5 | Four USB 3.1 Ports             |

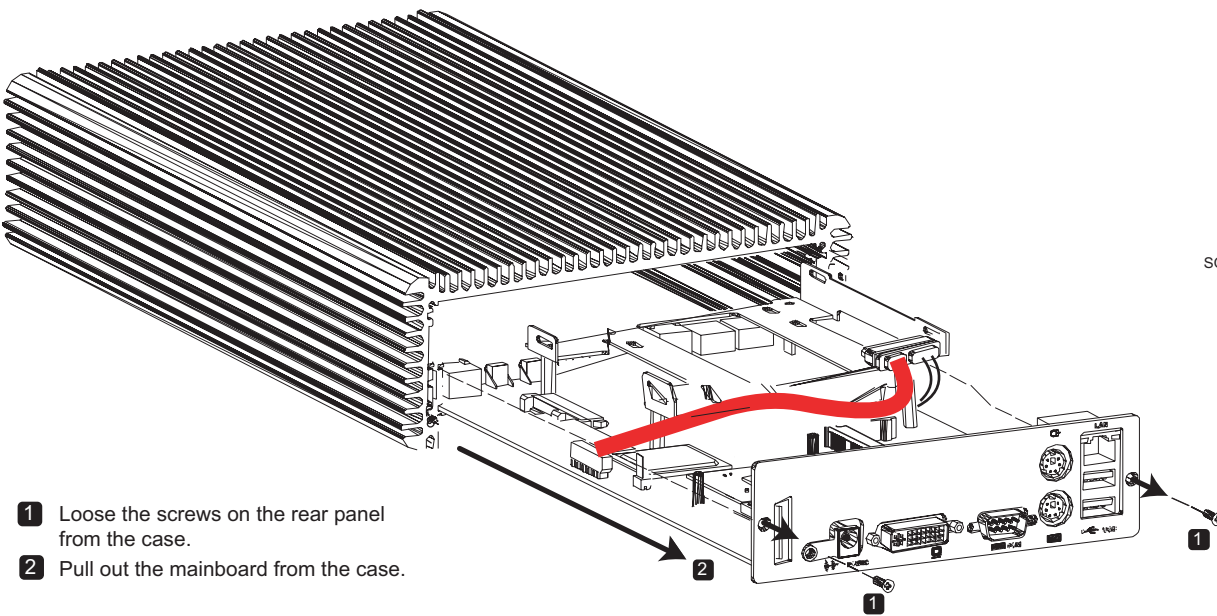
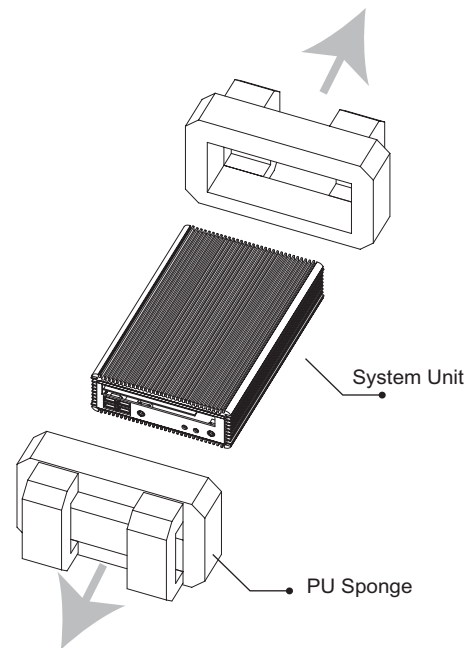
Standard LI91F Front IO Ports



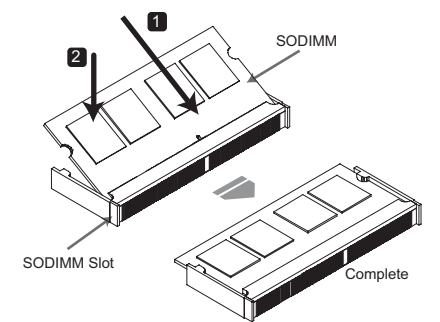
Standard LI91F Rear IO Ports



## Barebone System Unpacking Guide

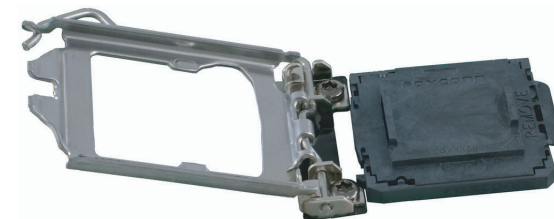


## Install Memory

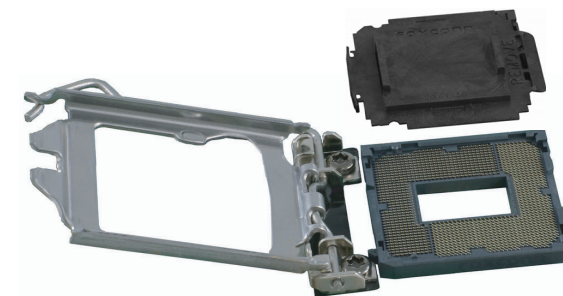


- 1 Insert SODIMM into the SODIMM slot on the motherboard by 30°.
- 2 Push down the SODIMM.

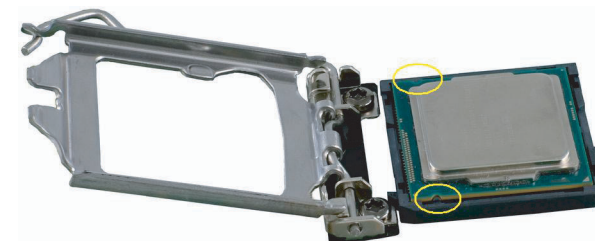
## Install CPU and CPU Cooler



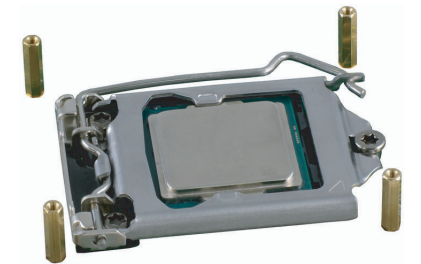
- 1 Release the CPU socket lever and lift the metal frame of the CPU socket



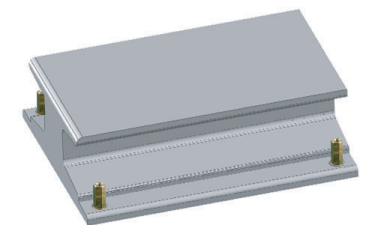
- 2 Remove the CPU socket cover. Be aware do not touch any pins in the CPU socket.



- 3 Put the CPU to the socket. Align the CPU notches with the socket alignment keys and gently put the CPU onto the socket.



- 4 When CPU is properly seated, replace the metal frame and push the CPU socket lever back to its locked position.


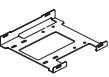
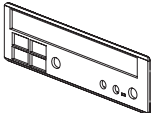
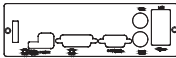
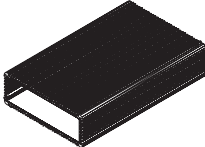

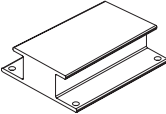


- 5 Glue the heatsink compound on the CPU surface. Install CPU heatsink on top of CPU. Tighten CPU heatsink with four screws into pillaret.










## Hardware Installation

### Part List

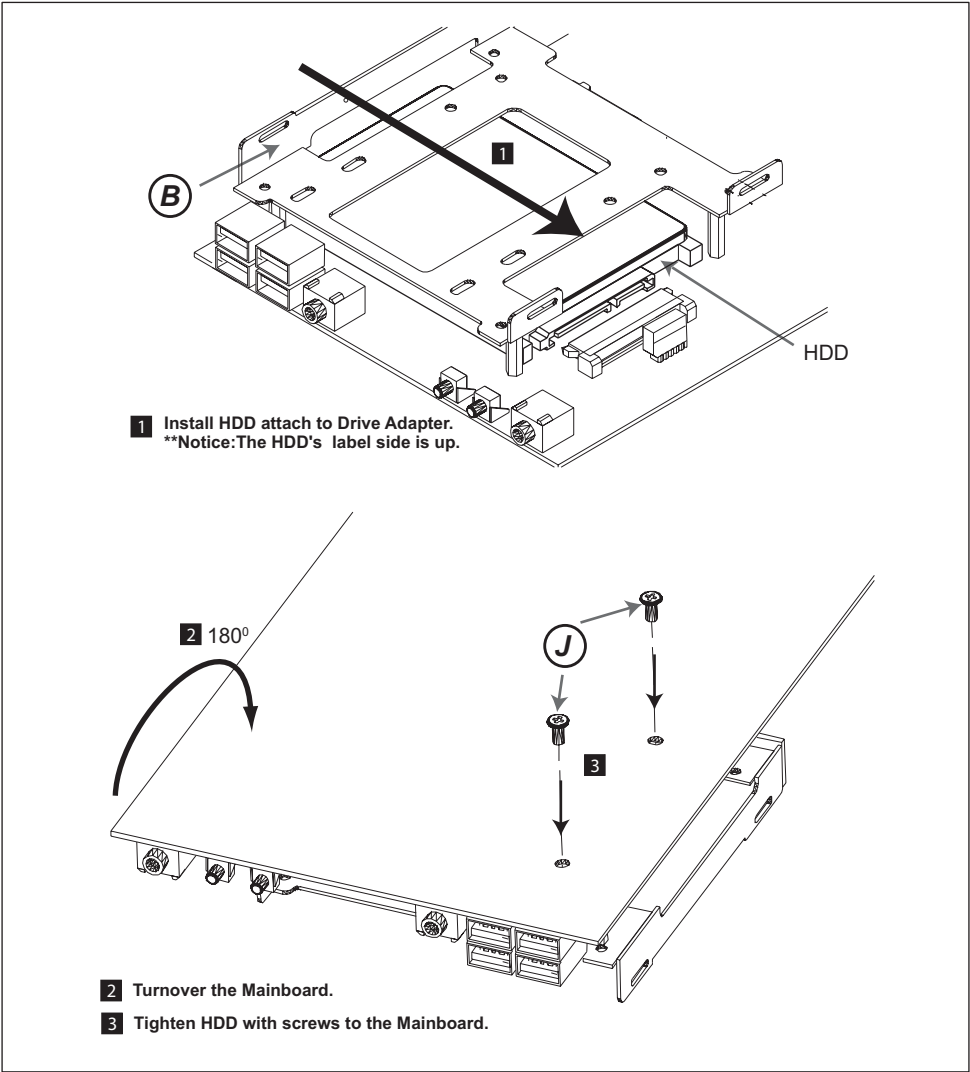
- (A)** COM/DVI Screws (\* 6) 
- (B)** DVD-ROM Drive Bracket 
- (C)** Front Panel 
- (D)** Rear Panel 
- (E)** Case 
- (F)** Mainboard 
- (G)** CPU HeatSink 

### Accessory Pack

- (H)** EMI Sticker (\*2) 
- (I)** Rubber Stand (\*4) 
- (J)** 2.5" HDD Screws (\* 5) 
- (K)** DVD-ROM Drive Screws (\* 5) 
- (L)** Case Screws (\* 2) 
- (M)** CPU Cooler Screws (\*4) 
- (N)** CPU Cooler Paste (\* 1) 

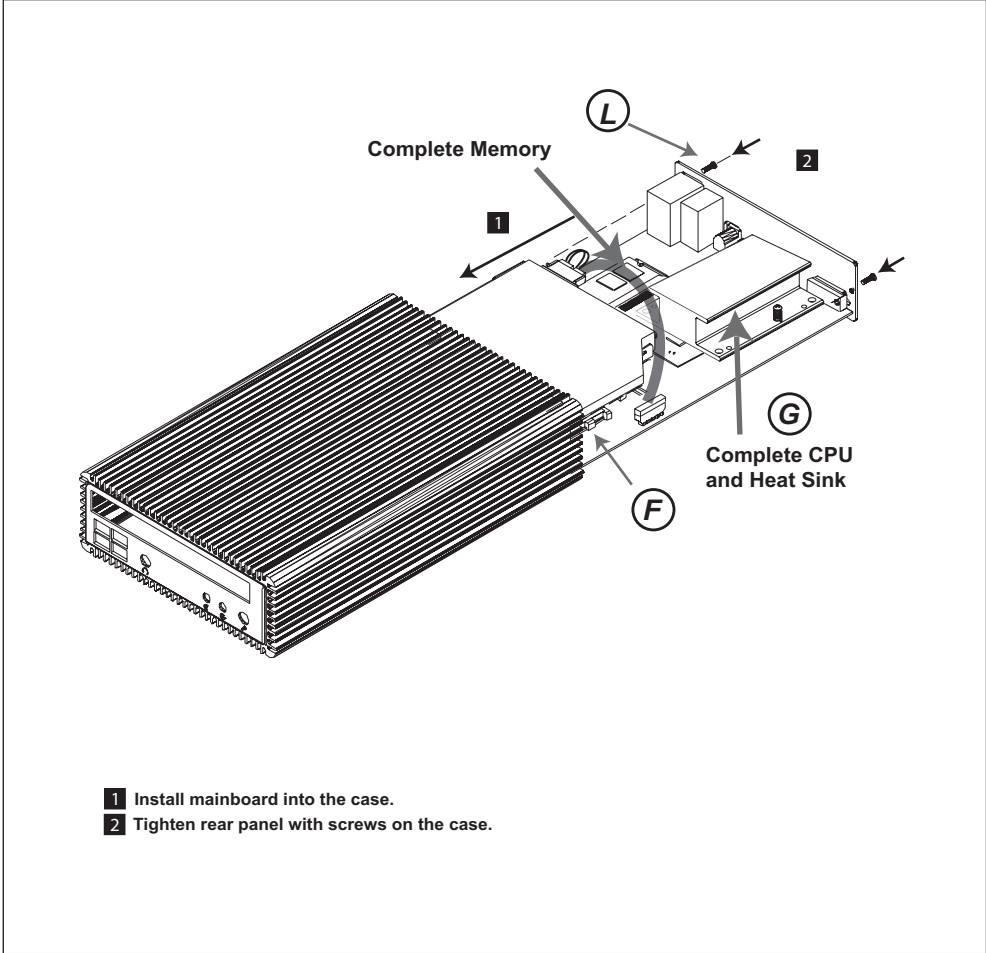
### STEP 1

#### Install Slim HDD



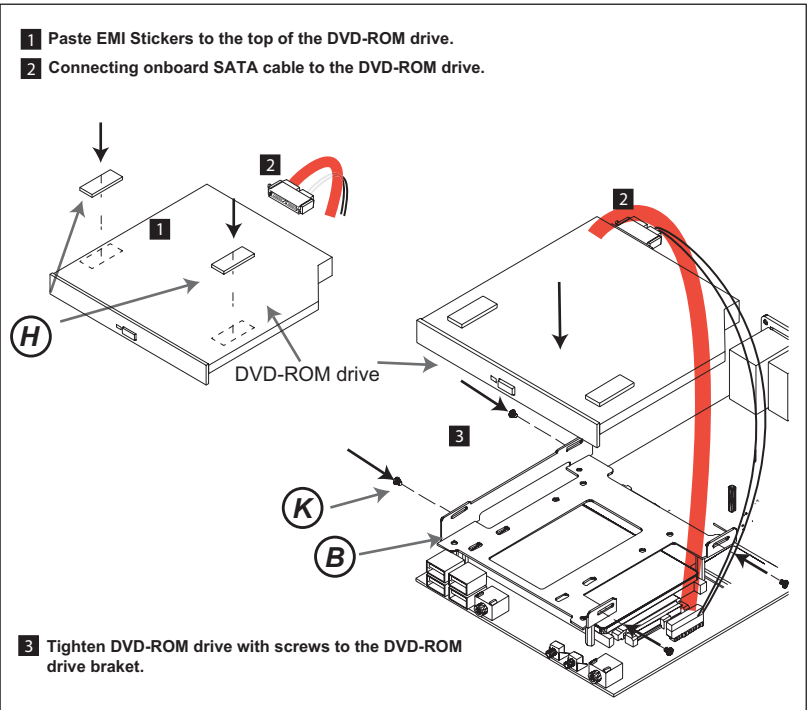
### STEP 3

#### Install Case

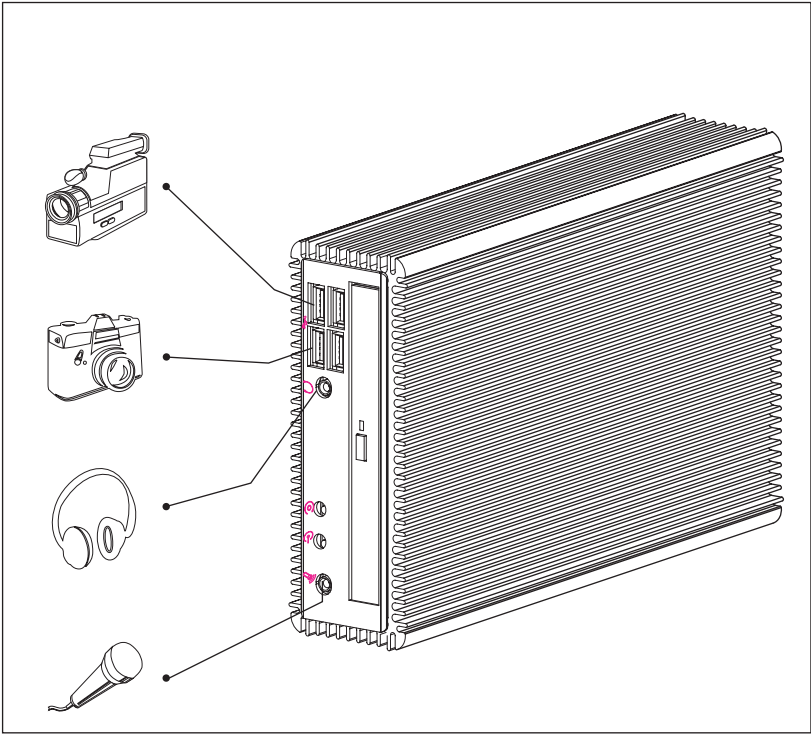


### STEP 2

#### Install DVD-ROM Drive



### Complete System



The system uses entire case for partial heat dissipation, so the normal operating temperature of the case is between 45°C ~ 55°C.

Specification is subject to change without notice, it is for reference only.