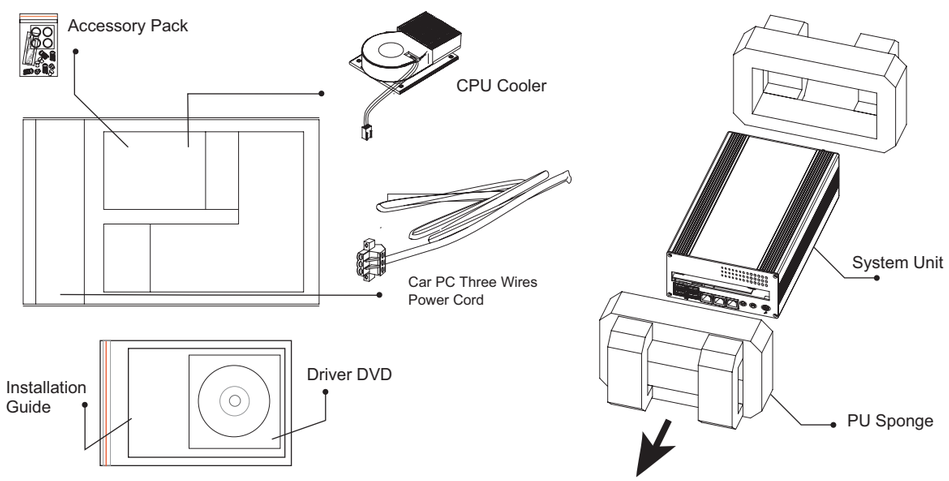
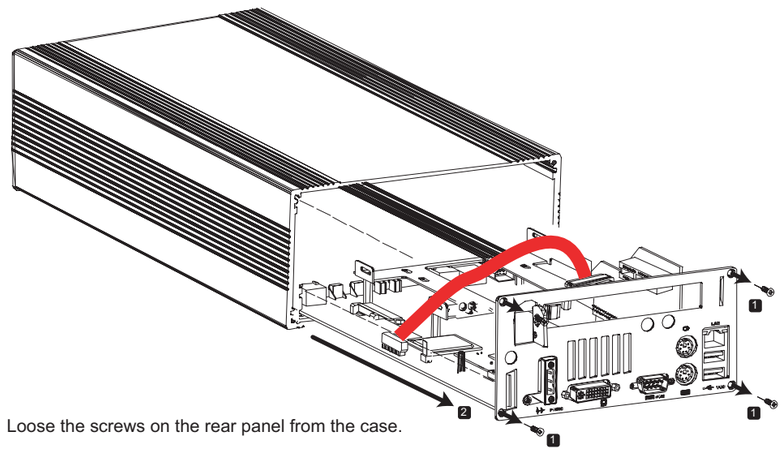
INSTALLATION GUIDE

Item Checklist

LI91_EH_C_1



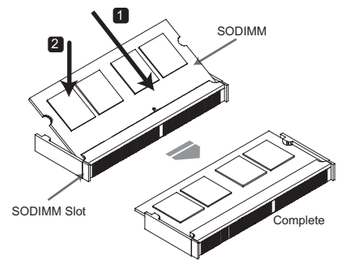
Barebone System Unpacking Guide



1 Loose the screws on the rear panel from the case.

2 Pull out the mainboard from the case.

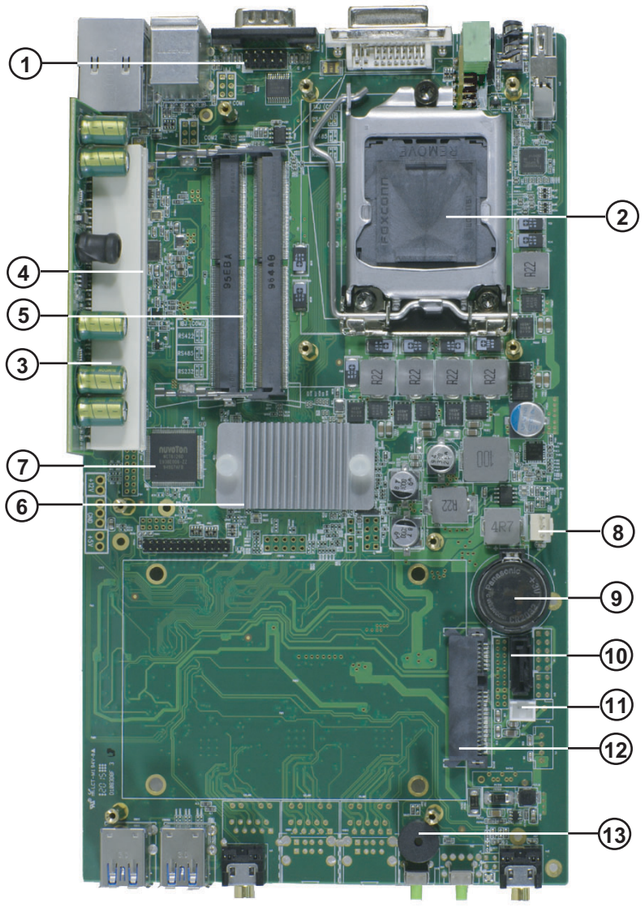
Install Memory



1 Insert SODIMM into the SODIMM slot on the motherboard by 30°.

2 Push down the SODIMM.

Mainboard Layout



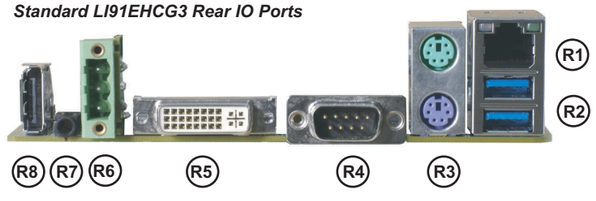
1	Secondary COM Port Header
2	CPU Socket
3	Optional Riser Card Slot
4	Intel Giga LAN Chip
5	SODIMM Slots
6	Intel Q370 Chip
7	Super IO Chip
8	CPU Cooling Fan Power Connector
9	CMOS Battery
10	SATA Cable Connector
11	SATA Power Connector
12	SATA HDD Connector
13	Buzzler

R1	GigaLAN Port
R2	Two USB 3.1 Ports
R3	PS/2 Keyboard and Mouse Ports
R4	COM 1
R5	DVI-I Port
R6	DC 12~48V TB Jack Power In
R7	Line-Out Audio Port
R8	DP (Display Port)

F1	Mic-In Phone Jack
F2	Power Button
F3	Reset Button
F4	Ear Phone Jack
F5	Four USB 3.1 Ports

Standard LI91EHCG3 Front IO Ports

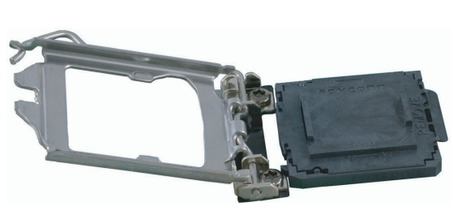
Standard LI91EHCG3 Rear IO Ports



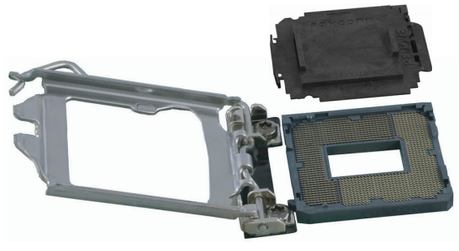
Terminal Block Power Connector Pin Assignment

1: DC+ (12~48V)
2: Ground
3: Car Key

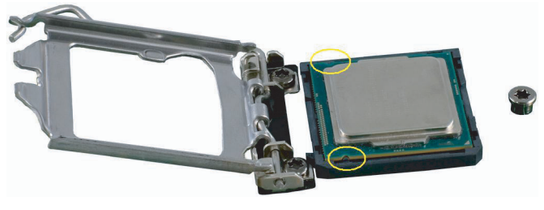
Install CPU and CPU Cooler



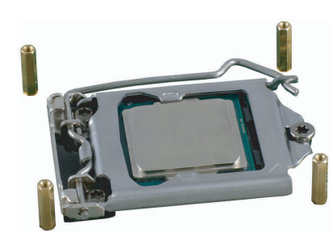
1 Release the CPU socket lever and lift the metal frame of the CPU socket



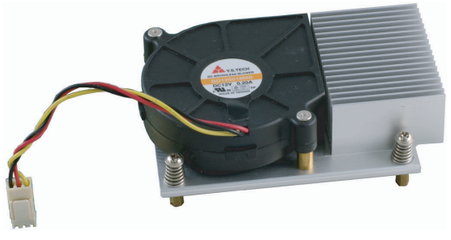
2 Remoe the CPU socket cover. **Be aware do not touch any pins in the CPU socket.**



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 cooler on top of CPU. Tighten CPU cooler with screws into pillaret.

6 Connect CPU FAN connector to mainboard CPU FAN socket.

Specifications are for reference only and subject to change without notice.

INSTALLATION GUIDE

Hardware Installation

LI91_EH_C_2

Part List

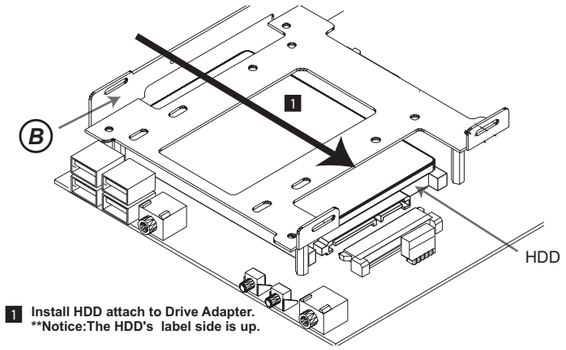
- (A) COM/DVI Screws (* 6)
- (B) DVD-ROM Drive Bracket
- (C) Front Panel
- (D) Rear Panel
- (E) Case
- (F) Mainboard
- (G) CPU Cooler

Accessory Pack

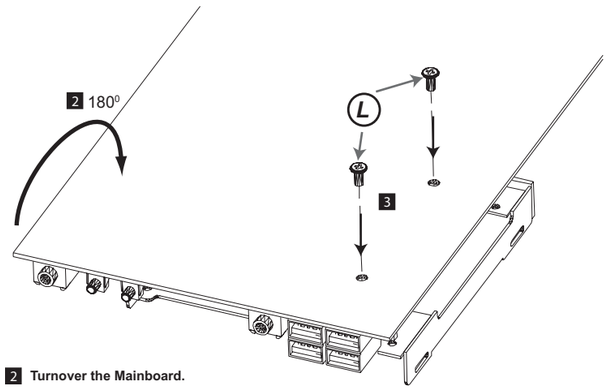
- (J) EMI Sticker (*2)
- (K) Rubber Stand (*4)
- (L) 2.5" HDD Screws (* 5)
- (M) DVD-ROM Drive Screws (* 5)
- (N) PCIe Card Fasten Screws (* 1)
- (O) Case Screws (* 4)
- (P) CPU Cooler Screws (* 2)
- (Q) CPU Cooler Paste (* 1)

STEP 1

Install Slim HDD



1 Install HDD attach to Drive Adapter.
**Notice:The HDD's label side is up.

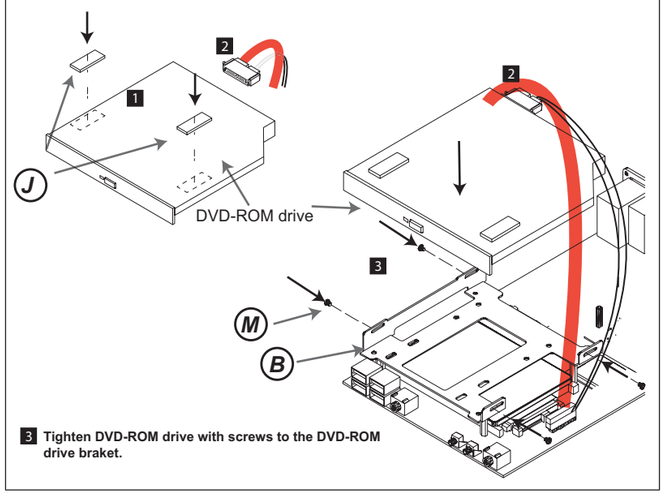


2 Turnover the Mainboard.
3 Tighten HDD with screws to the Mainboard.

STEP 2

Install DVD-ROM Drive

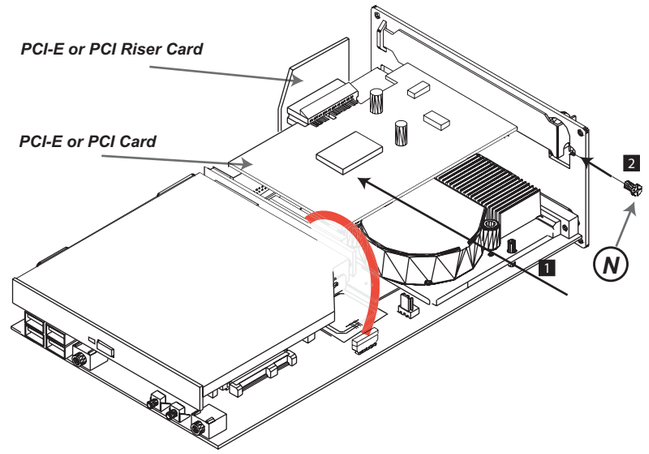
1 Paste EMI Stickers to the top of the DVD-ROM drive.
2 Connecting onboard SATA cable to the DVD-ROM drive.



3 Tighten DVD-ROM drive with screws to the DVD-ROM drive braket.

STEP 3

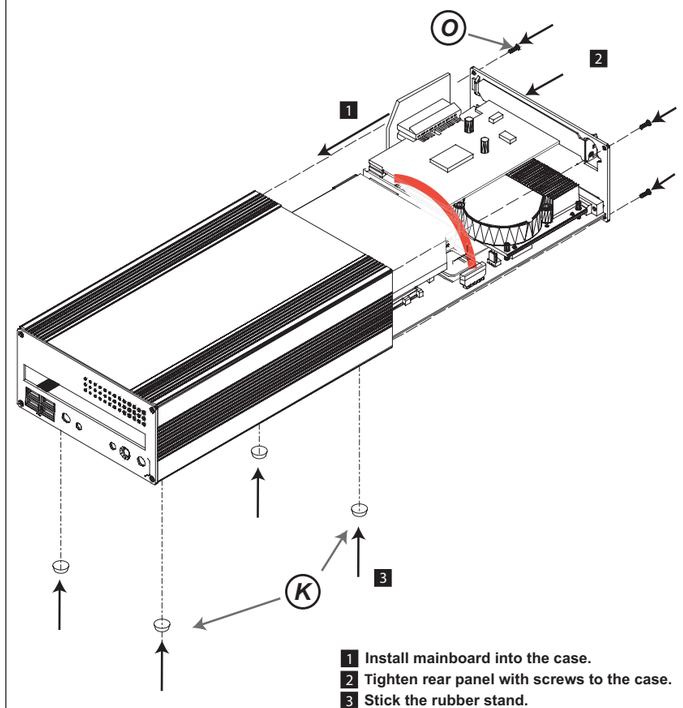
Install PCI-E Card



Note: The length of PCI-E or PCI card not longer than 8.5 inch (220mm).

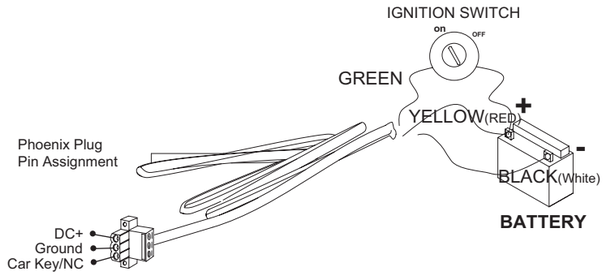
1 Install PCI-E (PCI) Card into the PCI-E (PCI) Slot.
2 Tighten PCI-E (PCI) Card and rear panel with the screw.

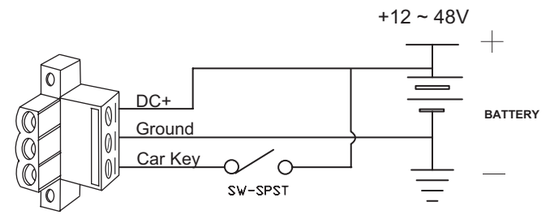
Install Case



1 Install mainboard into the case.
2 Tighten rear panel with screws to the case.
3 Stick the rubber stand.

Car PC Power Cord Connection





The system uses entire case for partial heat dissipation, so the normal operating temperature of the case is between 35°C ~ 45°C.

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