

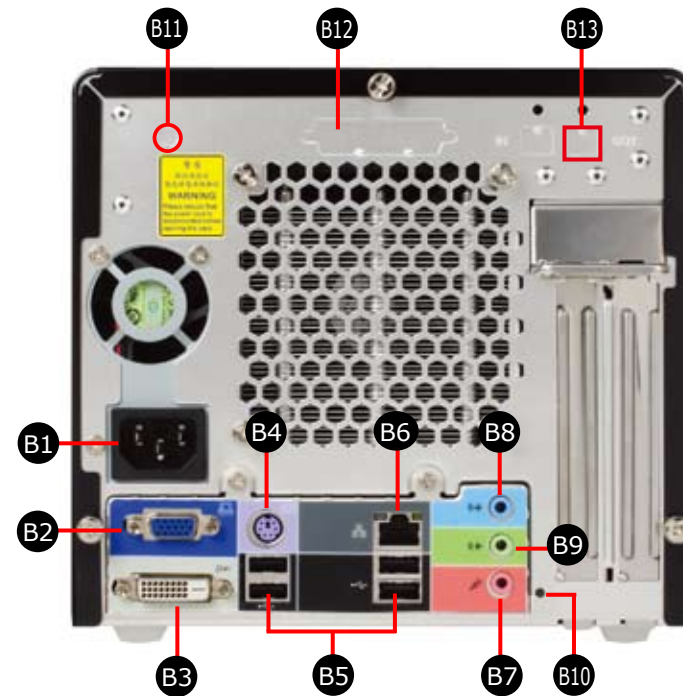
SA76G2 Quick Guide 【English】

Front Panel



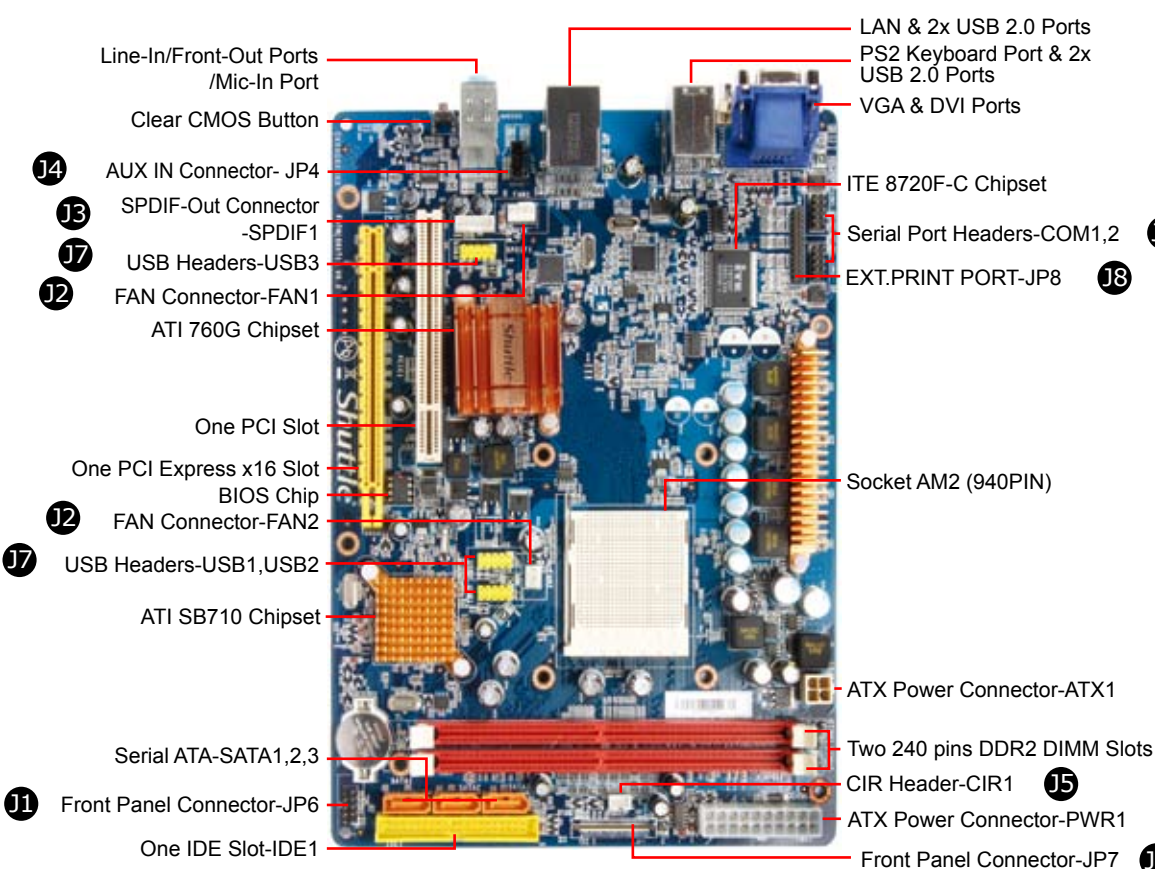
- F1. 5.25" Bay
- F2. 3.5" Bay
- F3. HDD LED
- F4. Power LED
- F5. Reset
- F6. Power Switch
- F7. Mic
- F8. Headphone
- F9. USB Ports

Back Panel



- B1. AC Power Socket
- B2. VGA Port
- B3. DVI Port
- B4. PS/2 Keyboard Port
- B5. USB2.0 Ports
- B6. LAN Port
- B7. MIC-In Port
- B8. Line-In Port
- B9. Front-Out (L/R) Port
- B10. Clear CMOS Button
- B11. Wireless LAN Perforation
- B12. Parallel Port Perforation
- B13. SPDIF OUT Port (Optional)

Motherboard Illustration

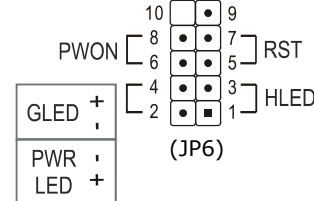


Jumper Settings

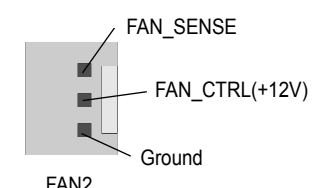
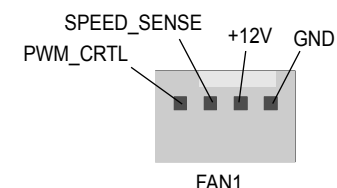
11 Front Panel Connectors

Pin Assignments (JP6):

- 1=HLED_PU 2=GLED A
- 3=HLED 4=GLED B
- 5=GND 6=Power_SW
- 7=Reset_SW 8=GND
- 9=NC 10=KEY



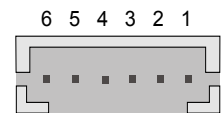
12 Fan Connectors



13 SPDIF-Out Connector

Pin Assignments (SPDIF1):

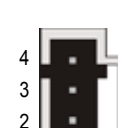
- 1=NC 2=GND
- 3=VCC 4=GND
- 5=VCC 6=SPDIF OUT



14 AUX IN Connector

Pin Assignments (JP4):

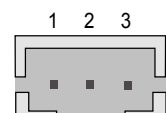
- 1=CD-IN Left
- 2=Ground
- 3=Ground
- 4=CD-IN Right



15 CIR Header

Pin Assignments (J2):

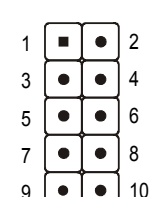
- 1=PIN85_CIRRX
- 2=5V_DUAL
- 3=GND



16 COM Headers

Pin Assignments (COM1, COM2):

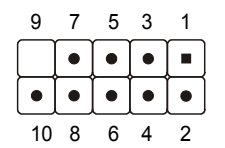
- 1=DCDP 2=RXP
- 3=TXDP 4=DTRP
- 5=GND 6=DSRP
- 7=RTSP 8=CTSP
- 9=XRI 10=NC



17 Extended USB Headers

Pin Assignments (USB1, USB2, USB3):

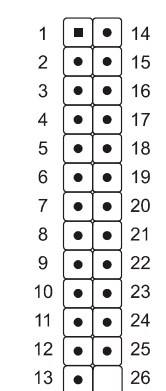
- 1=USBPWR0 2=USBPWR1
- 3=USB_FP_P0- 4=USB_FP_P1-
- 5=USB_FP_P0+ 6=USB_FP_P1+
- 7=GND 8=GND
- 9=NC 10=NC



18 Parallel Port Header

Pin Assignments (JP8):

- 1=PSTB 2=PD0 3=PD1
- 4=PD2 5=PD3 6=PD4
- 7=PD5 8=PD6 9=PD7
- 10=P_ACK 11=P_BUSY 12=P_PE
- 13=P_SLCT 14=PAUTOFD 15=P_ERR
- 16=PINIT 17=PSLCTIN 18=GND
- 19=GND 20=GND 21=GND
- 22=GND 23=GND 24=GND
- 25=GND 26=KEY



Safety Information

Read the following precautions before setting up a Shuttle XPC.

CAUTION

Incorrectly replacing the battery may damage this computer. Replace only with the same or equivalent as recommended by Shuttle. Dispose of used batteries according to the manufacturer's instructions.

Laser compliance statement

The optical disc drive in this PC is a laser product. The drive's classification label is located on the drive.

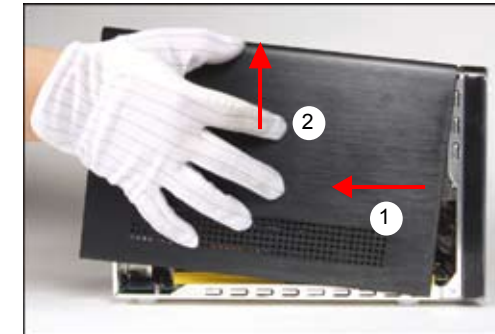
CLASS 1 LASER PRODUCT

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

A. Begin Installation

Note: For safety reasons, please ensure that the power cord is disconnected before opening the case.

1. Unscrew 3 thumbscrews of the chassis cover.
2. Slide the cover backwards and upwards.



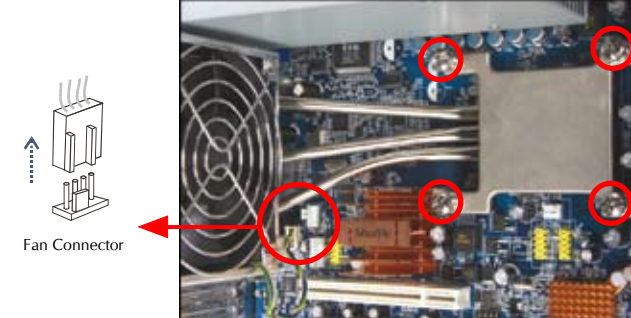
3. Unfasten the rack mount screws and remove the rack.



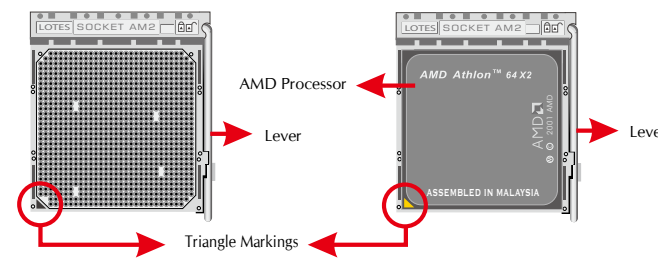
4. Unscrew and remove the 5.25" bay cover.

B. CPU and ICE Installation

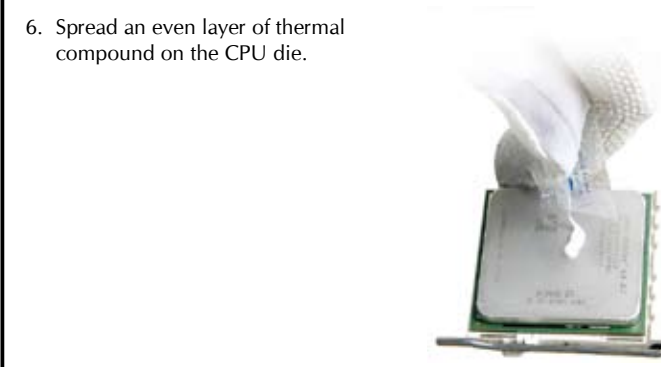
1. Unfasten the ICE fan thumbscrews on the back of the chassis and unplug the fan connector.
2. Unfasten the four ICE module attachment screws.



3. Remove the ICE module from the chassis and put it aside.
4. Pull up the CPU socket lever to 90-degrees.
5. Match the yellow triangle on a corner of the CPU with the triangle on the socket corner and gently insert the CPU into the socket and press down the CPU socket lever.

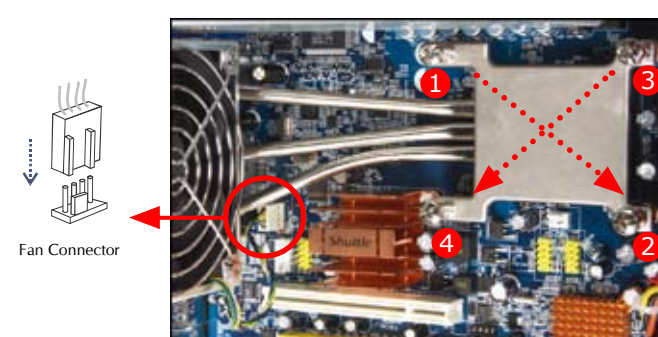


Note: Failure to correctly align the CPU and socket can result in damage to the CPU.



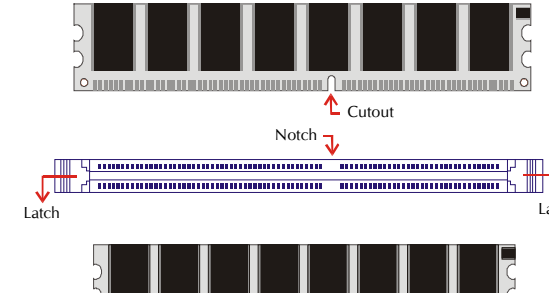
Note: Please do not use too much Heatsink compound.

7. Screw the ICE module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.
8. Connect the fan connector.

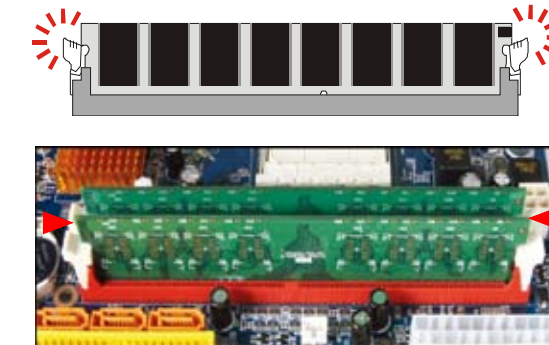


C. DDR2 Installation

1. Unlock the DIMM latch.
2. Align the DDR2 module's cutout with the DIMM slot notch. Slide the DDR2 module into the DIMM slot.



3. Check that the latches are closed, and the DDR2 modules are firmly installed.



Note: Repeat to install additional DDR2 modules if desired.

D. Cable and Rack Installation

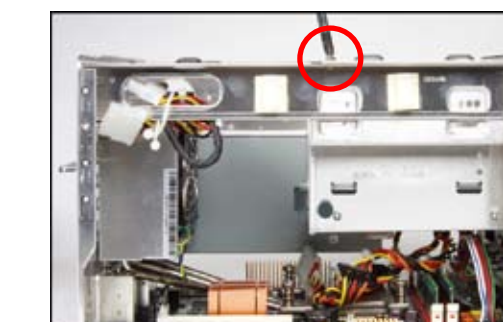
1. Loosen the purse lock and separate the HDD power cable.



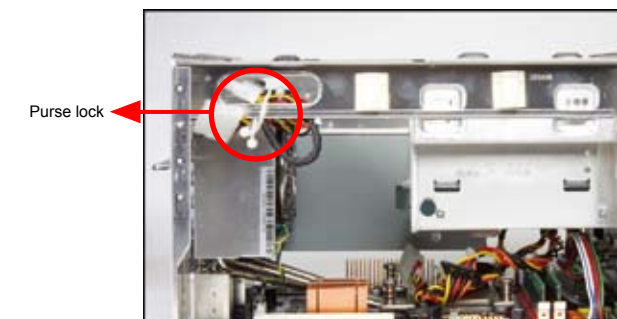
2. Place the HDD in the rack and secure with screws from the side.



3. Place the rack in the chassis and refasten the rack.



4. Loosen the purse lock and separate the Optical Drive power cable.



E. Peripheral Installation

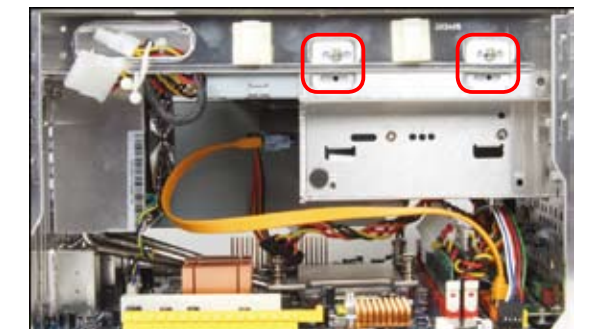
1. Connect the Serial ATA and power cables to the HDD.



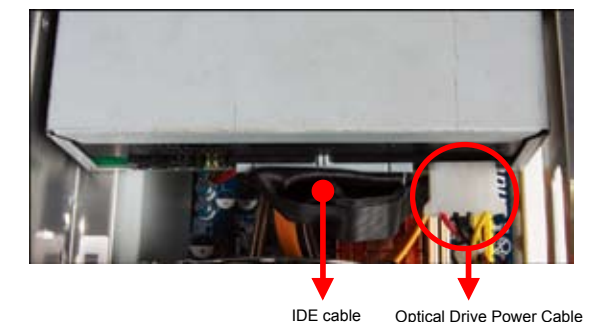
2. Slide the optical drive into the chassis.



3. Fasten the four side screws.



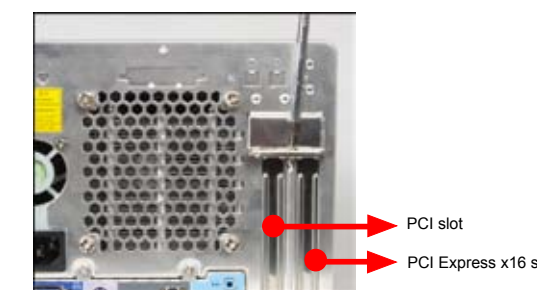
4. Plug the IDE cable and power cable into the optical drive.



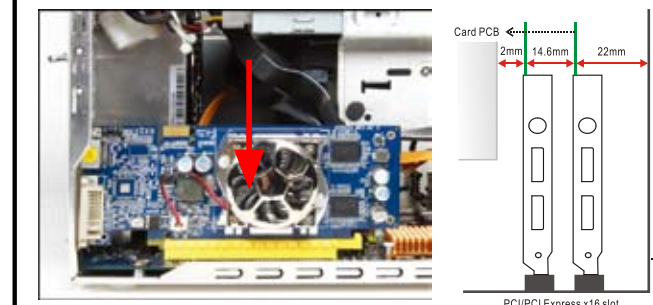
F. Accessories Installation

1. Unfasten expansion slot bracket screws. Remove the back panel bracket and put the bracket aside.

Note: The maximum size acceptable for display card is 206mm x 98mm x 16mm



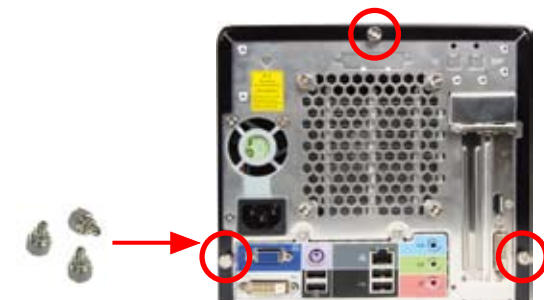
2. Install the PCI/PCI Express x16 card into the PCI/PCI Express x16 slot.



3. Secure the bracket.

G. Complete

1. Replace the cover and refasten the thumbscrews.



2. Complete.

Note: Please load the optimized BIOS values.