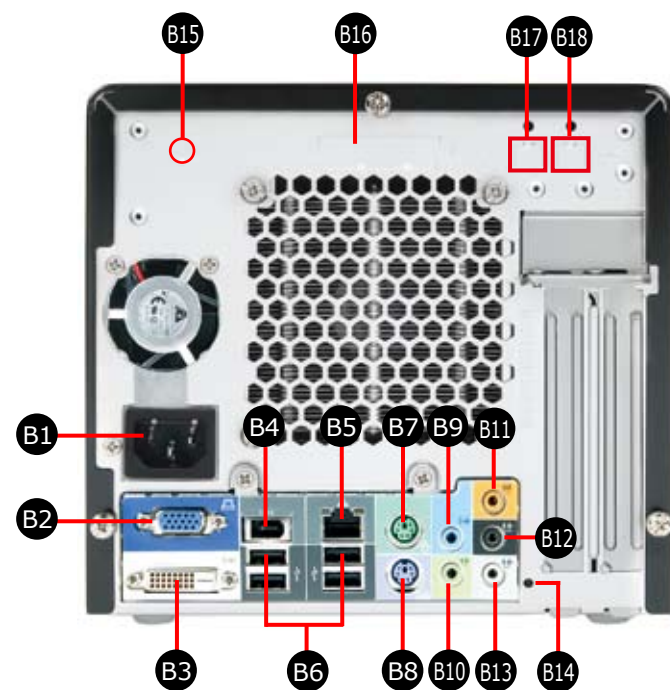


Front panel



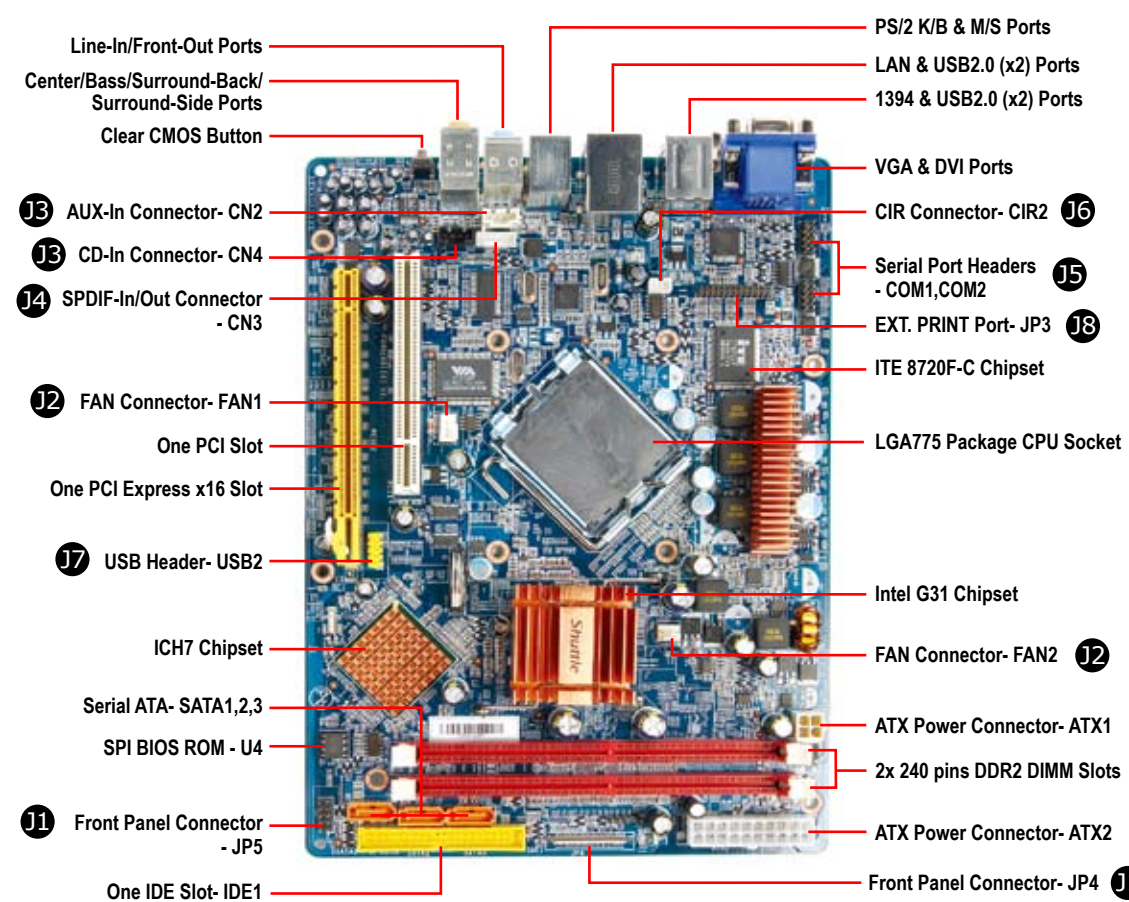
- F1. 5.25" Bay
- F2. 3.5" Bay
- F3. HDD LED
- F4. Power LED
- F5. Reset
- F6. Power Switch
- F7. Mic
- F8. Headphone
- F9. USB2.0 Ports
- F10. Mini IEEE1394

Back panel



- B1. AC Power Socket
- B2. VGA Port
- B3. DVI Port
- B4. IEEE1394 Port
- B5. LAN Port
- B6. USB2.0 Ports
- B7. PS/2 Mouse Port
- B8. PS/2 Keyboard Port
- B9. Line-In Port
- B10. Front-Out (L/R) Port
- B11. Center/Bass Port
- B12. Surround-Back (L/R) Port
- B13. Surround-Side (L/R) Port
- B14. Clear CMOS Button
- B15. Wireless LAN Perforation
- B16. Parallel Port Perforation
- B17. SPDIF In Port (Optional)
- B18. SPDIF Out Port (Optional)

Mainboard illustration

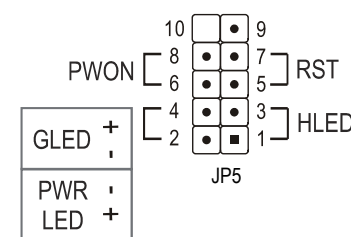


Jumper Settings

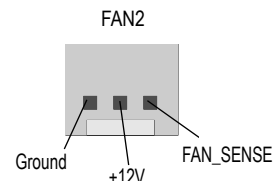
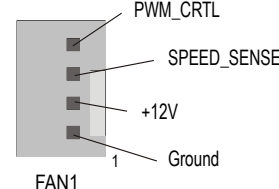
11 Front Panel Connectors

Pin Assignments (JP5):

- 1=H0LEDPWR
- 2=GRNLEDA
- 3=-HD_LED
- 4=GRNLEDB
- 5=BT_SEL
- 6=-PWRSW
- 7=GND
- 8=GND
- 9=NC
- 10=KEY



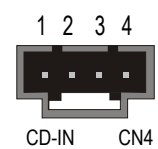
12 Fan Connectors



13 CD-IN & AUX-IN Connectors

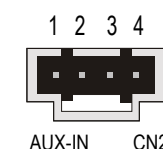
Pin Assignments (CN4):

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



Pin Assignments (CN2):

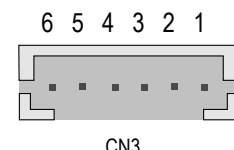
- 1=AUX-in-Left
- 2=Ground
- 3=Ground
- 4=AUX-in-Right



14 SPDIF-IN/Out Connector

Pin Assignments (CN3):

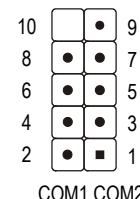
- 1=SPDIF_IN
- 2=GND
- 3=VCC
- 4=GND
- 5=VCC
- 6=SPDIF_OUT



15 Serial Port Headers

Pin Assignments (COM1, COM2):

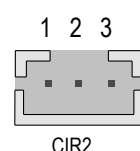
- 1=DCDP
- 2=RXD
- 3=TXDP
- 4=DTRP
- 5=GND
- 6=DSRP
- 7=RTSP
- 8=CTSP
- 9=XRI
- 10=NC



16 CIR Connector

Pin Assignments (CIR2):

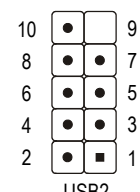
- 1=PIN85_CIRRX
- 2=5V_DUAL
- 3=GND



17 USB Header

Pin Assignments (USB2):

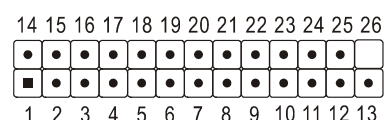
- 1=USBPW3
- 2=USBPW3
- 3=USBP3N
- 4=USBP2N
- 5=USBP3P
- 6=USBP2P
- 7=GND
- 8=GND
- 9=KEY
- 10=NULL



18 EXT. PRINT Port

Pin Assignments (JP3):

- 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.

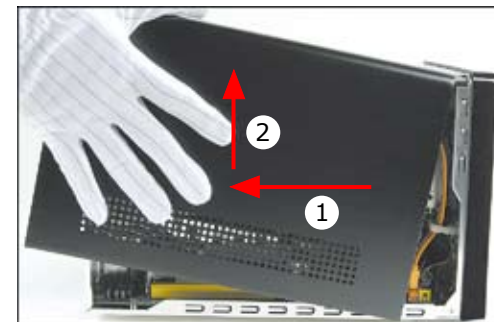
CLASS 1 LASER PRODUCT

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.



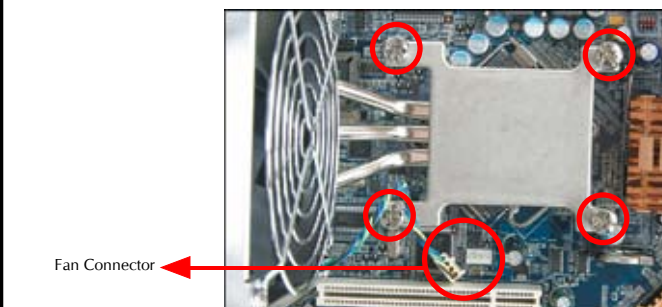
3. Unfasten the rack mount screws and remove the rack.



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.

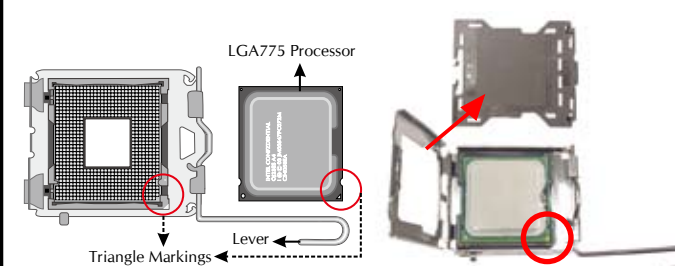


3. Remove the ICE module from the chassis and put it aside.

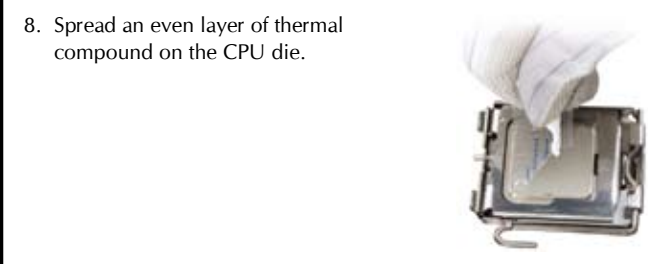
Note: This 775 pin socket is fragile and easily damaged. Always use extreme care when installing a CPU and limit the number of times that you remove or change the CPU.

4. First unlock and raise the socket lever.
5. Lift the metal load plate on the CPU socket.

6. Orientate the CPU and socket, aligning the yellow triangle on the corner of the CPU with the triangle on the socket. Make sure the CPU is perfectly horizontal, insert the CPU into the socket.
7. Remove the protective socket cover. Close the load plate, lower the CPU socket lever and lock in place.

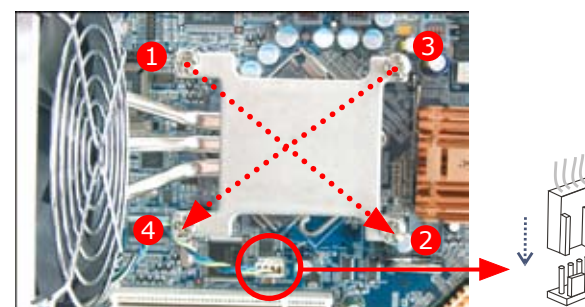


Note: Failure to correctly align the CPU and socket can result in damage to the CPU.



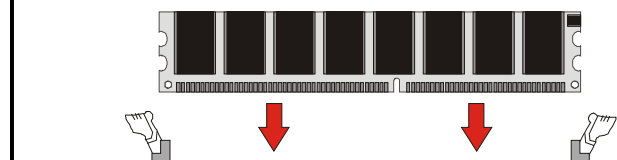
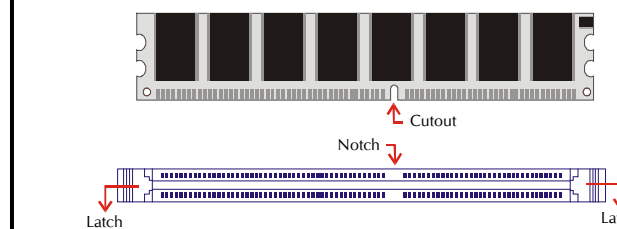
Note: Please do not use too much Heatsink compound.

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

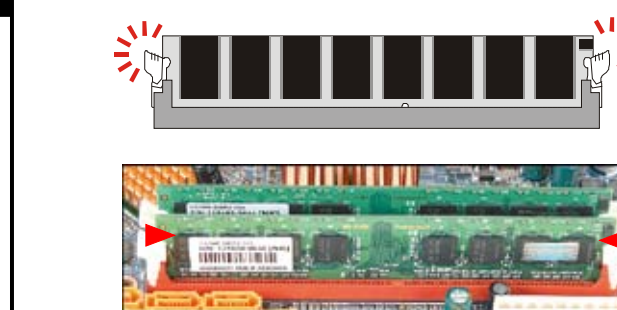


C. DDR2 Installation

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

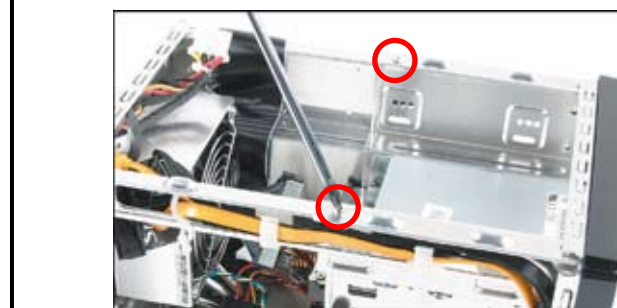
1. Loosen the purse lock and separate the HDD power cable.



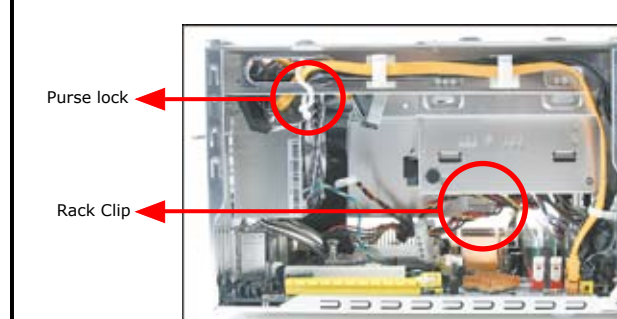
2. Place the HDD in the rack and secure with screws from the side.



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



4. Place the power cables in the rack clip located on the underside of the rack mount then loosen the purse lock and separate the Optical Drive power cable.



E. Peripheral Installation

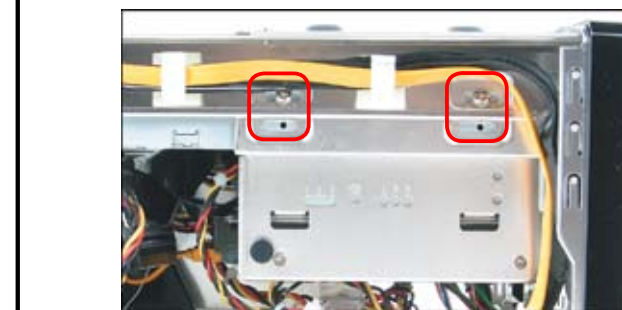
1. Connect the Serial ATA cable and power cable to the HDD.



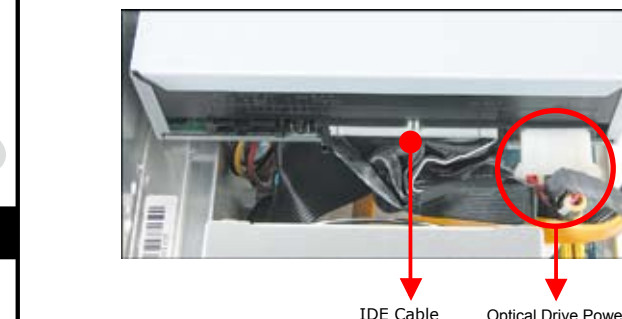
2. Slide the optical drive into the chassis.



3. Fasten the four side screws.



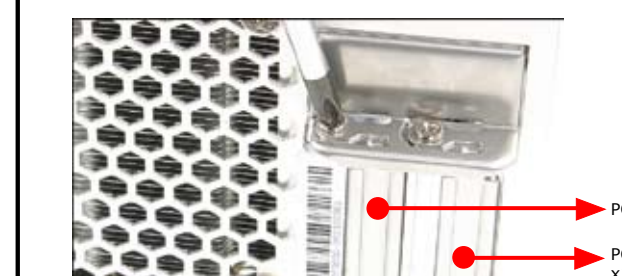
4. Plug the optical drive cable and power cable into the optical drive.



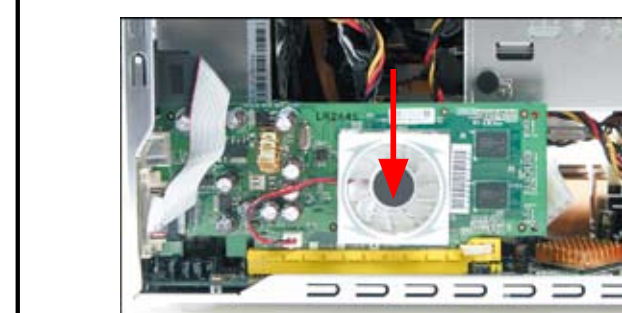
F. Accessories Installation

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.