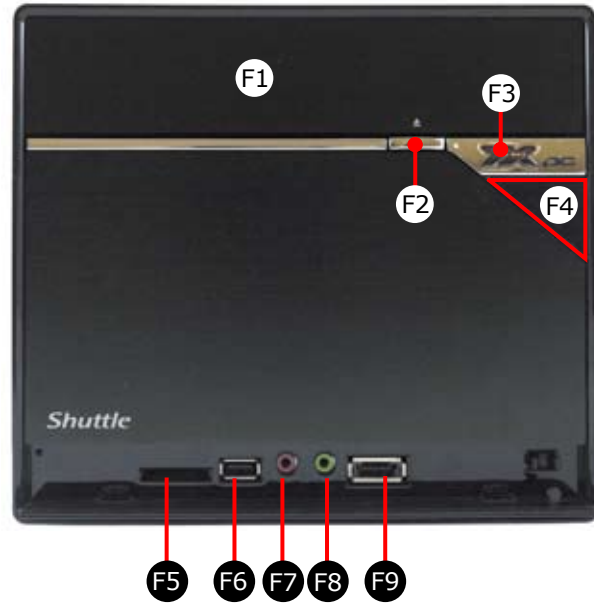


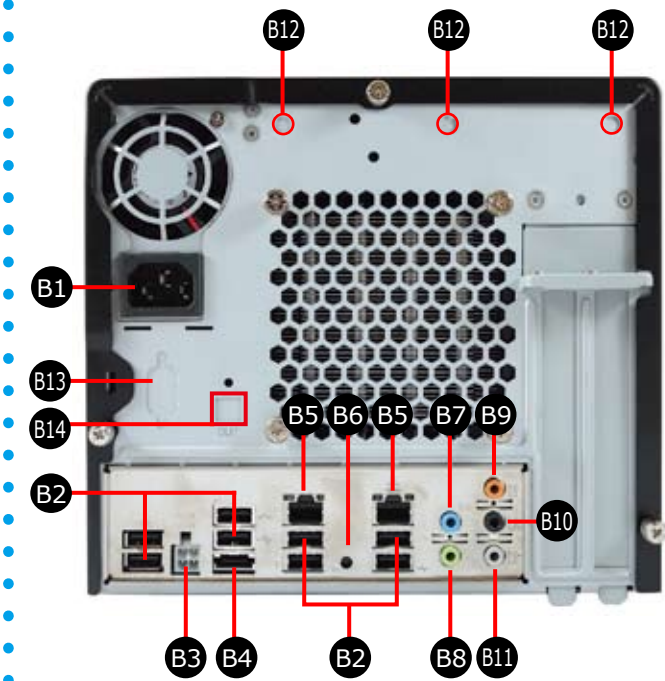
SX58J3 Quick Guide 【English】

Front Panel



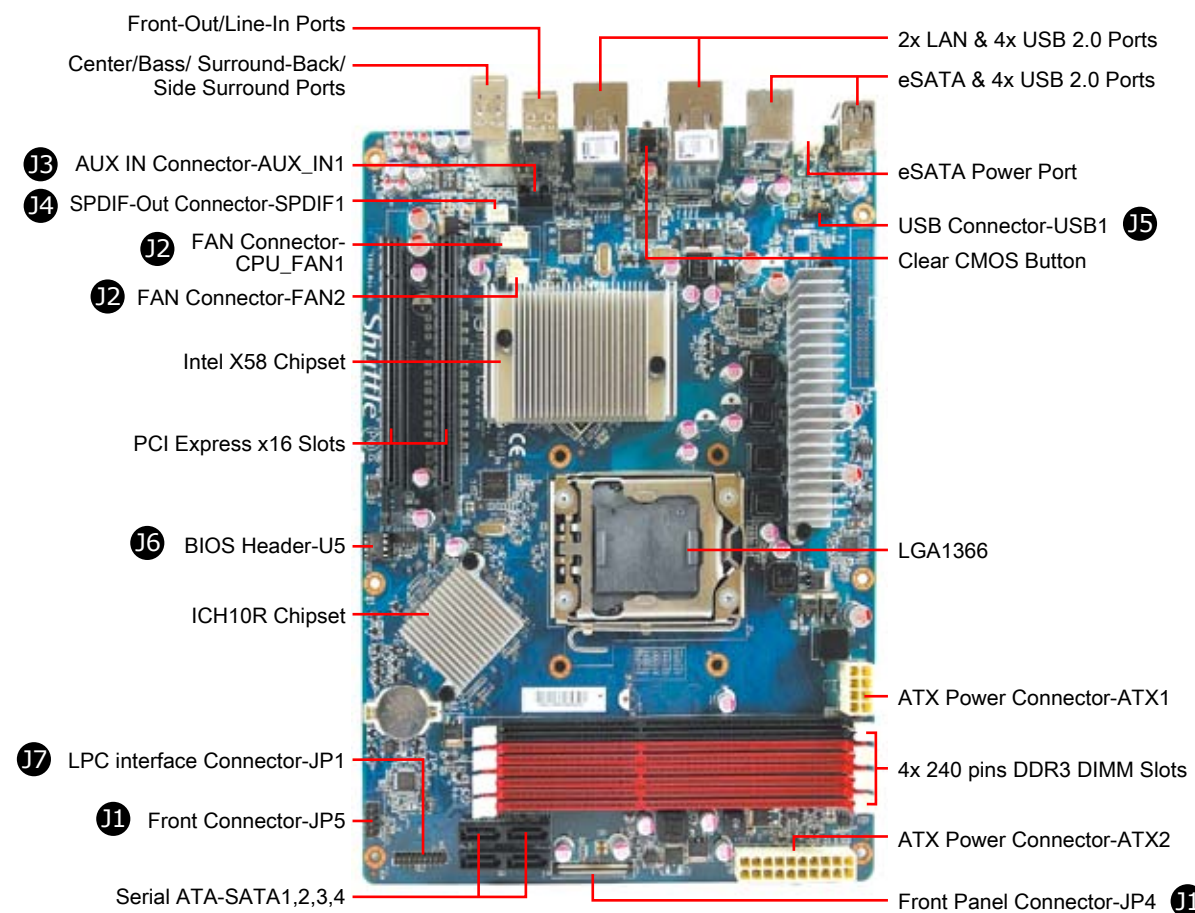
- F1. 5.25" Bay
- F2. Eject Button
- F3. Power Switch / Power LED
- F4. HDD LED
- F5. 4-in-1 Card Reader
SD/MMC/MS/MS Pro Memory Card
- F6. USB2.0 Port
- F7. Mic In
- F8. Headphone
- F9. eSATA+USB2.0 ports

Back Panel



- B1. AC Power Socket
- B2. USB2.0 Ports
- B3. eSATA Power Port
- B4. eSATA Ports
- B5. LAN Ports
- B6. Clear CMOS Button
- B7. Line-In Port
- B8. Front-Out (L/R) Port
- B9. Center/Bass Port
- B10. Surround-Back (L/R) Port
- B11. Side Surround (L/R) Port
- B12. Wireless LAN Perforation (Optional)
- B13. Serial Port (Optional)
- B14. SPDIF Out Port (Optional)

Motherboard Illustration

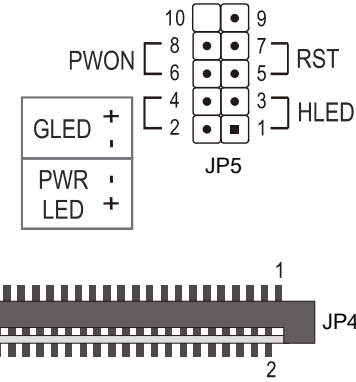


Jumper Settings

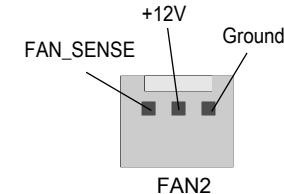
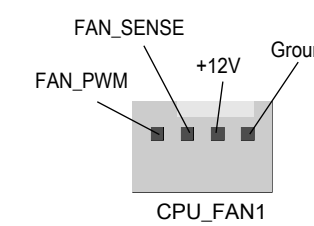
11 Front Panel Connectors

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



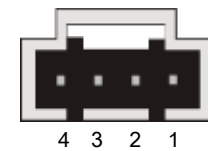
12 Fan Connectors



13 AUX IN Connector

Pin Assignments (AUX_IN1):

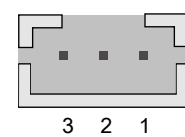
- 1=AUX_IN_L
- 2=Ground
- 3=Ground
- 4=AUX_IN_R



14 SPDIF-Out Connector

Pin Assignments (SPDIF1):

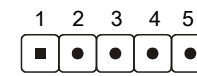
- 1=Ground
- 2=VCC
- 3=SPDIF_O



15 USB Connector

Pin Assignments (USB1):

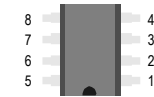
- 1=Ground
- 2=Ground
- 3=D+
- 4=D-
- 5=VCC



16 BIOS Header

Pin Assignments (U5):

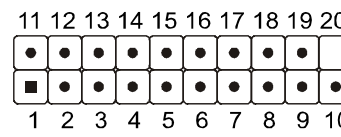
- 1=SPI_CS0-
- 2=SPI_MISO
- 3=SPI_WP-
- 4=GND
- 5=SPI_MOSI
- 6=SPI_CLK
- 7=SPI_HOLD-
- 8=SPI_VCC



17 LPC interface Connector

Pin Assignments (JP1):

- 1=+12V
- 2=5V
- 3=5V_Dual
- 4=SERIRQ
- 5=48M_clk
- 6=LPC_clk
- 7=SIORST-
- 8=LFrame-
- 9=LAD3
- 10=LAD2
- 11=+12V
- 12=3VSB
- 13=RI-
- 14=LDRQ0-
- 15=-SIO_PME
- 16=LAD1
- 17=LAD0
- 18=3V
- 19=Ground
- 20=NA



Informations de sécurité [Français]

Lire les précautions d'usage avant l'installation d'un Shuttle XPC

ATTENTION
Ne pas remplacer correctement la pile peut endommager l'ordinateur.
Remplacez uniquement par la même ou un équivalent comme recommandé par Shuttle.
Débarrez-vous des piles usagées d'après les instructions du constructeur.

Etat de conformité du laser
Le lecteur de disque optique dans ce PC est un produit à laser.
Le label de classification du lecteur laser est situé sur le lecteur.
Produit laser de classe 1
Attention : Radiations laser à l'ouverture. Eviter l'exposition au faisceau laser.

Safety Information

Read the following precautions before setting up a Shuttle XPC.

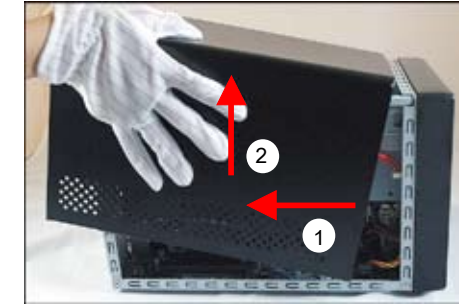
CAUTION
Incorrectly replacing the battery may damage this computer.
Replace only with the same or equivalent as recommended by Shuttle.
Dispose of used batteries according to the manufacturer's instructions.

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

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.

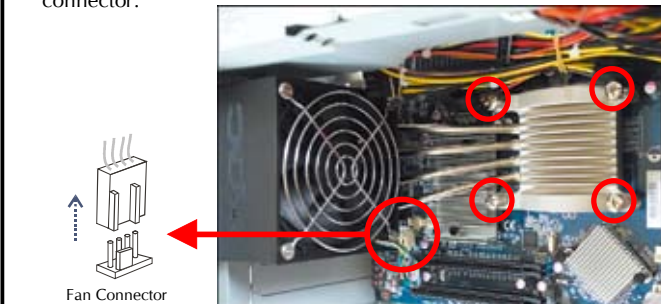


3. Unfasten the rack mount screws and remove the rack.



B. CPU and ICE Installation

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

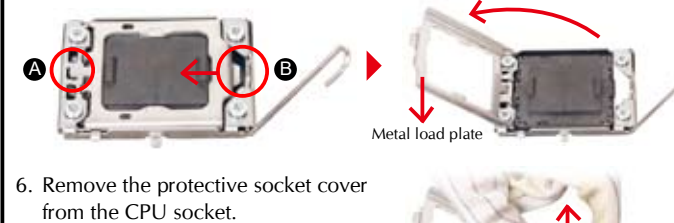


3. Remove the ICE module from the chassis and put it aside.

This 1366 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. Before installing the CPU, make sure to turn off the computer and unplug the power cord from the power outlet to prevent damage to the CPU.

Follow the steps below to correctly install the CPU into the motherboard CPU socket.

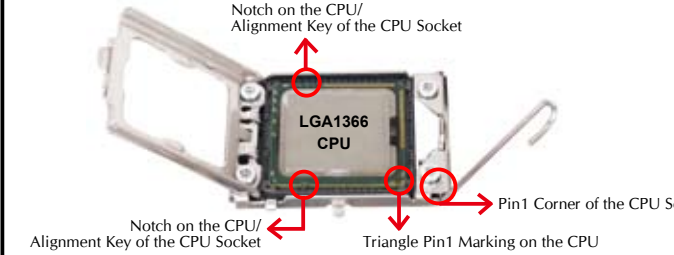
4. First unlock and raise the socket lever.
5. Press A with your thumb, then move it to the left B until it is released from the retention tab. Lift the metal load plate on the CPU socket.



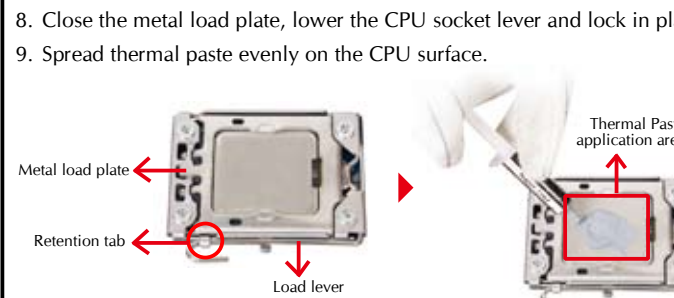
6. Remove the protective socket cover from the CPU socket.

DO NOT touch socket contacts. To protect the CPU socket, always replace the protective socket cover when the CPU is not installed.

7. Orientate the CPU and socket, aligning the yellow triangle on the corner of the CPU with the triangle on the socket or you may align the CPU notches with the socket alignment keys. Make sure the CPU is perfectly horizontal, insert the CPU into the socket.

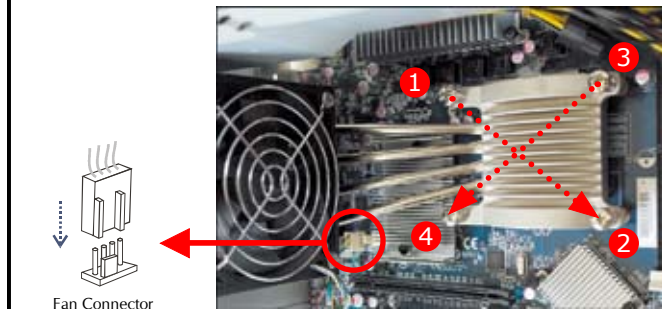


8. Close the metal load plate, lower the CPU socket lever and lock in place.
9. Spread thermal paste evenly on the CPU surface.



Please do not apply excess amount of thermal paste.

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



12. Fasten the Smart Fan to the chassis with the 4 thumbscrews.



C. Memory module Installation

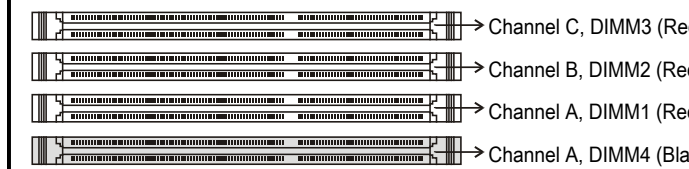
Guidelines for Memory Configuration

Before installing DIMMs, read and follow these guidelines for memory configuration.

Make sure that the motherboard supports the memory. It is recommended that memory of the same capacity, brand, speed, and chips be used. (Go to Shuttle's website for the latest memory support list.) Memory modules have a foolproof design. A memory module can be installed in only one direction. If you are unable to insert the memory, switch the direction.

This motherboard provides four DDR3 memory sockets and supports Dual/ Triple Channel Technology. After the memory is installed, the BIOS will automatically detect the specifications and capacity of the memory.

Dual or Triple Channel memory mode may double or triple the original memory bandwidth. You may install varying memory sizes, the system maps the total size of the lower-sized channel for the dual-channel or triple-channel configuration. Any excess memory from the higher-sized channel is then mapped for single-channel operation.



Memory Configurations Table

Mode	Sockets			
	DIMM1 (Red)	DIMM2 (Red)	DIMM3 (Red)	DIMM4 (Black)
Single Channel	DS/SS	--	--	--
Dual Channel	DS/SS	DS/SS	--	--
Triple Channel	DS/SS	DS/SS	DS/SS	--
Triple Channel	DS/SS	DS/SS	DS/SS	DS/SS

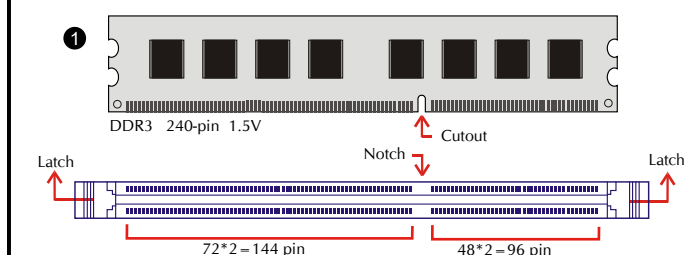
(SS=Single-Sided, DS=Double-Sided, "--=No Memory)

Installing a Memory

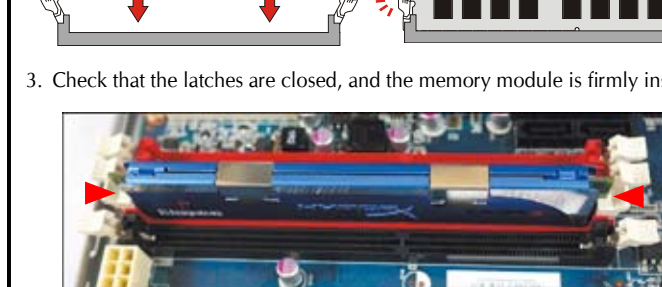
DDR3 and DDR2 DIMMs are not compatible to each other or DDR DIMMs. Be sure to install DDR3 DIMMs on this motherboard. Follow the steps below to correctly install your memory modules in the memory sockets.

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

A DDR3 memory module has a cutout, so it can only fit in one direction.



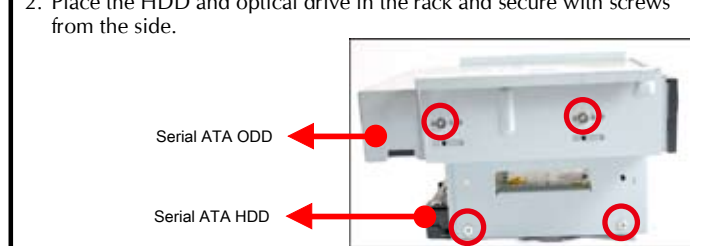
3. Check that the latches are closed, and the memory module is firmly installed.



Repeat to install additional memory modules if required.

D. Peripheral Installation

1. Loosen the purse lock and separate the Serial ATA and power cables.
2. Place the HDD and optical drive in the rack and secure with screws from the side.



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



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



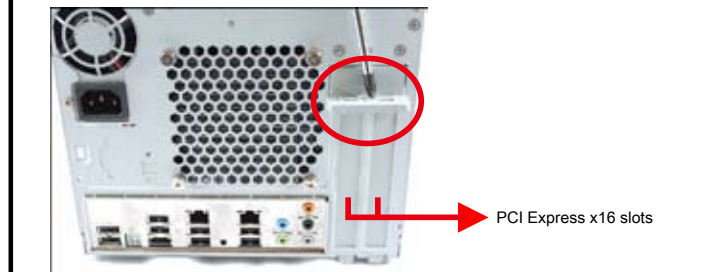
5. Connect the Serial ATA and power cables to the optical drive.



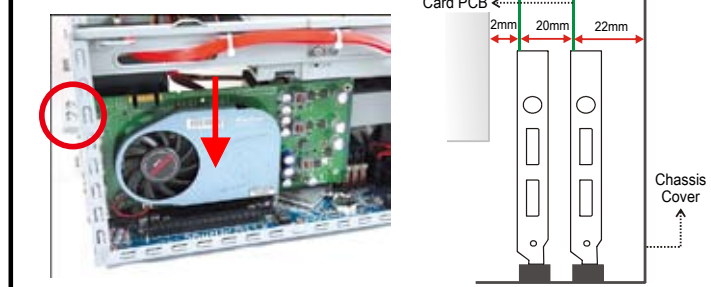
E. Accessories Installation

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

The maximum size acceptable for display card is 273mm x 98mm x 38mm

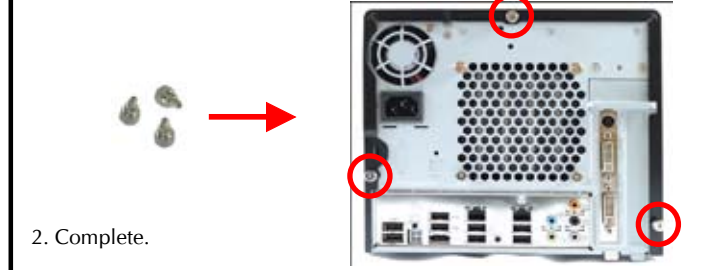


2. Install the PCI Express x16 card into the PCI Express x16 slot.
3. Secure the bracket.



F. Complete

1. Replace the cover and refasten the thumbscrews.



Please load the optimized BIOS values.

G. Install eSATA HDD

1. Take out the eSATA to SATA Cable and External SATA Power Cable from the accessory box.
2. Plug the eSATA to SATA cable to the eSATA port and plug the External SATA Power Cable to the eSATA power port.
3. Connect the eSATA to SATA Cable and External SATA Power Cable to the HDD.

