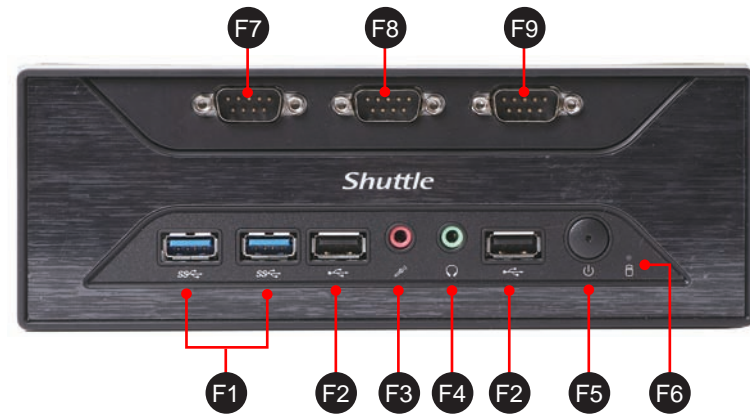


XC60J Quick Guide 【English】



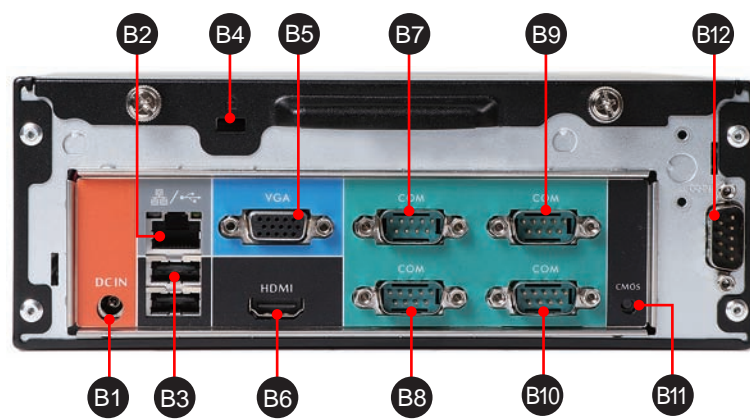
62RQXC60J0-5202 XC60J
English, Spanish, Traditional Chinese,
Japanese, Russian, French, German Quick Guide

Front Panel



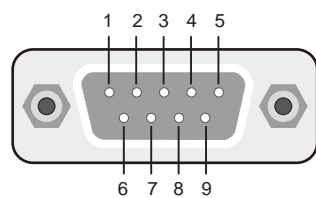
- F1. USB 3.0 port
- F2. USB 2.0 port
- F3. Mic-in
- F4. Headphone
- F5. Power switch / Power LED
- F6. HDD LED
- F7. COM6 port (RS232)
- F8. COM7 port (RS232)
- F9. COM8 port (RS232)

Back Panel



- B1. DC power port
- B2. LAN port
- B3. USB 2.0 port
- B4. Kensington® lock hole
- B5. D-Sub (VGA) port
- B6. HDMI port
- B7. COM2 port (RS232)
- B8. COM1 port (RS232/422/485)
- B9. COM4 port (RS232)
- B10. COM3 port (RS232)
- B11. Clear CMOS
- B12. COM5 port (RS232)

COM PORT (COM1_2, COM3_4)



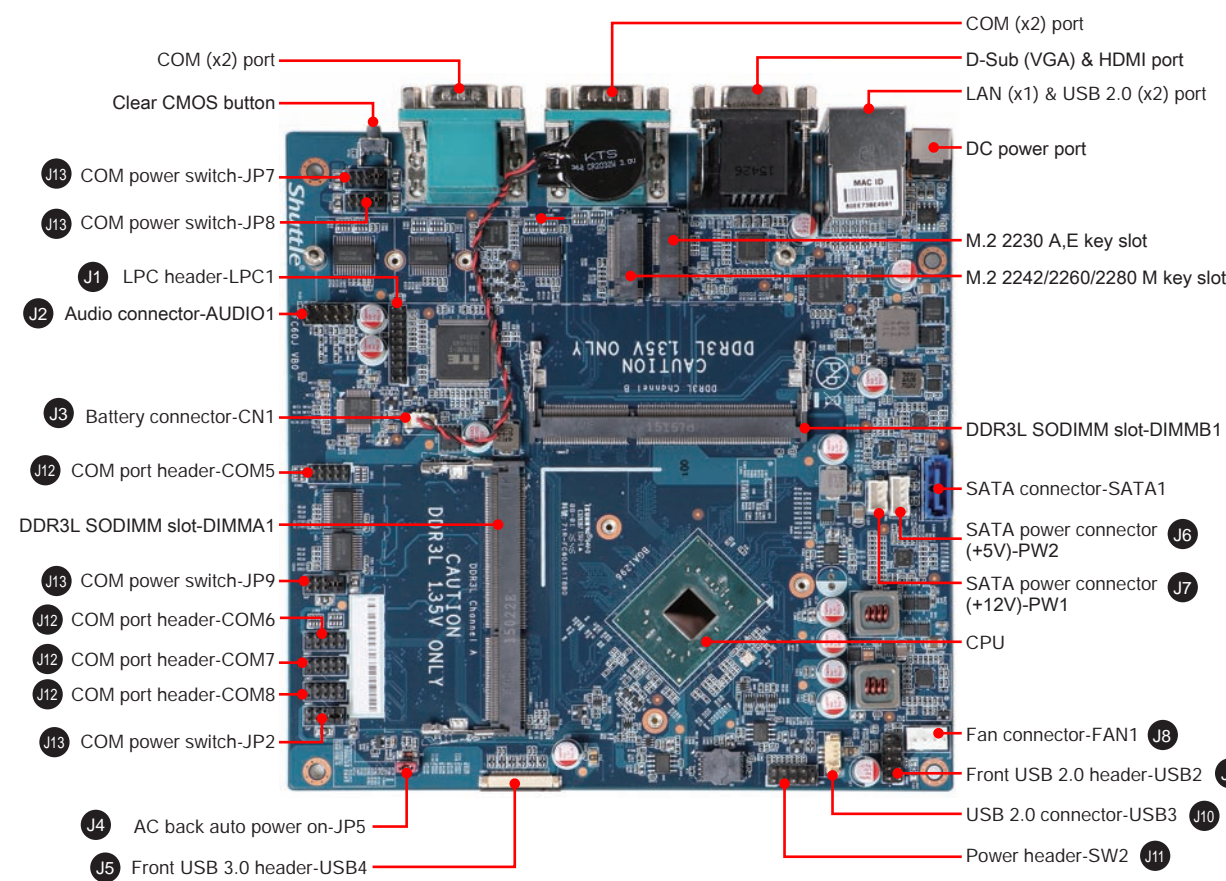
RS232/422/485: COM1_2 (Down)

- 1=DCD_485TX-
- 2=RX_485TX+
- 3=TX_422RX+
- 4=DTR_422RX-
- 5=GND
- 6=DSR
- 7=RTS
- 8=CTS
- 9=RI (NA)
- 10=N/C

Only RS232: COM1_2 (UP) and COM3_4

- 1=DCD
- 2=RX
- 3=TX
- 4=DTR
- 5=GND
- 6=DSR
- 7=RTS
- 8=CTS
- 9=RI (NA)
- 10=N/C

Motherboard Illustration



➤ Safety Information

Read the following precautions before setting up a Shuttle XPC.

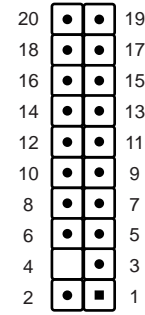
CAUTION

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.

Jumper Settings

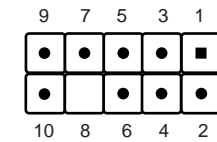
J1 LPC header (LPC1)

- | | |
|------------|----------------|
| 1=LPC_24M | 2=GND |
| 3=LFRAME | 4=NULL |
| 5=SIORST- | 6=NC |
| 7=LAD3 | 8=LAD2 |
| 9=+3.3V | 10=LAD1 |
| 11=LADO | 12=GND |
| 13=LPC_48M | 14=PCH_PME- |
| 15=+3.3VS | 16=SERIRO |
| 17=GND | 18=CLKRUN_NC |
| 19=PD#_NC | 20=SUS_CLK_TPM |



J2 Audio connector (AUDIO1)

- 1=MIC_L
- 2=AGND
- 3=MIC_R
- 4=FRONT-JD
- 5=HP_R_C
- 6=MIC-JD
- 7=SENSE B
- 8=NULL
- 9=HP_L_C
- 10=HP-JD



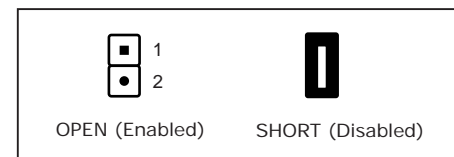
J3 Battery connector (CN1)

- 1=V_BAT
- 2=GND



J4 AC back auto power on (JP5)

- 1=PWRSW-
- 2=GND



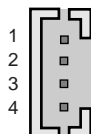
J5 Front USB 3.0 header (USB4)

- | | | |
|--------------|--------------|--------------|
| 1=USB30_PWR | 2=USB30_PWR | 3=USB30_PWR |
| 4=USB30_PWR | 5=U3_RXON | 6=U3_RXOP |
| 7=GND | 8=GND | 9=U3_TXON |
| 10=U3_TXOP | 11=GND | 12=GND |
| 13=USB0_N | 14=USB0_P | 15=USB30_PWR |
| 16=USB30_PWR | 17=USB30_PWR | 18=USB30_PWR |
| 19=U3_RX1N | 20=U3_RX1P | 21=GND |
| 22=GND | 23=U3_TX1N | 24=U3_TX1P |
| 25=GND | 26=GND | 27=USB2_N |
| 28=USB2_P | 29=GND | 30=GND |



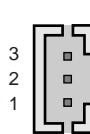
J6 SATA power connector (+5V)(PW2)

- 1=GND
- 2=GND
- 3=+5V
- 4=+5V



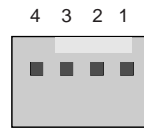
J7 SATA power connector (+12V)(PW1)

- 1=GND
- 2=NC
- 3=+12V



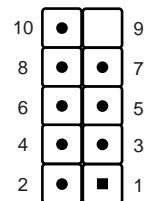
J8 Fan connector (FAN1)

- 1=GND
- 2=+12V
- 3=SPEED_SENSE
- 4=PWM_CTRL



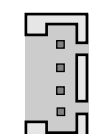
J9 Front USB 2.0 header (USB2)

- | | |
|-----------|-----------|
| 1=USB_PWR | 2=USB_PWR |
| 3=USB4_N | 4=USB3_N |
| 5=USB4_P | 6=USB3_P |
| 7=GND | 8=GND |
| 9=NC | 10=GND |



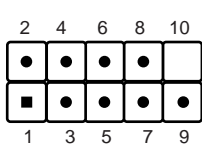
J10 USB 2.0 connector (USB3)

- 1=GND
- 2=USB1_P
- 3=USB1_N
- 4=USB_PWR



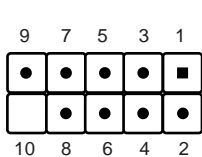
J11 Power header (SW2)

- | | |
|-----------|-----------|
| 1=HLEDPW | 2=PWR_LED |
| 3=SATALED | 4=GND |
| 5=RST_SW | 6=PWR_SW |
| 7=GND | 8=GND |
| 9=NULL | 10=NA |



J12 COM port header (COM5, COM6, COM7, COM8)

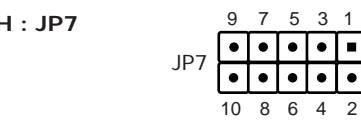
- | | |
|-----------|--------|
| 1=DCD | 2=RX |
| 3=TX | 4=DTR |
| 5=GND | 6=DSR |
| 7=RTS | 8=CTS |
| 9=RI (NA) | 10=N/C |



J13 COM power switch (JP7, JP8, JP9, JP2) (DEFAULT=SHORT 1-2,3-4) RI(NA)

COM1_2(Down) & COM1_2(Up) POWER SWITCH : JP7

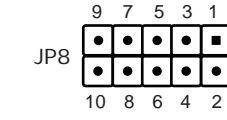
Support RS232 Back panel
Independent External Power 12V / 5V
JUMP1 Connector Pin 1 and Pin 2 = R11 Signal.
JUMP2 Connector Pin 3 and Pin 4 = R12 Signal.
IF JUMP1 Connector Pin 5 and Pin 7 = R11 is VCC
IF JUMP2 Connector Pin 6 and Pin 8 = R12 is VCC
IF JUMP1 Connector Pin 7 and Pin 9 = R11 is 12V
IF JUMP2 Connector Pin 8 and Pin 10 = R12 is 12V



- | | |
|-------------|-----------------|
| 1=-XRI1(NA) | 2=COM_-XRI1(NA) |
| 3=-XRI2(NA) | 4=COM_-XRI2(NA) |
| 5=+5V | 6=+5V |
| 7=COM1_PWR | 8=COM2_PWR |
| 9=+12V | 10=+12V |

COM3_4(Down) & COM3_4(Up) POWER SWITCH : JP8

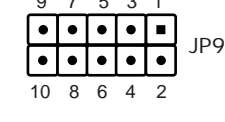
Support RS232 Back panel
Independent External Power 12V / 5V
JUMP1 Connector Pin 1 and Pin 2 = R13 Signal.
JUMP2 Connector Pin 3 and Pin 4 = R14 Signal.
IF JUMP1 Connector Pin 5 and Pin 7 = R13 is VCC
IF JUMP2 Connector Pin 6 and Pin 8 = R14 is VCC
IF JUMP1 Connector Pin 7 and Pin 9 = R13 is 12V
IF JUMP2 Connector Pin 8 and Pin 10 = R14 is 12V



- | | |
|-------------|-----------------|
| 1=-XRI3(NA) | 2=COM_-XRI3(NA) |
| 3=-XRI4(NA) | 4=COM_-XRI4(NA) |
| 5=+5V | 6=+5V |
| 7=COM3_PWR | 8=COM4_PWR |
| 9=+12V | 10=+12V |

COM5 & COM6 POWER SWITCH : JP9

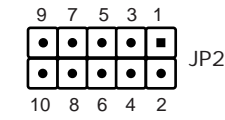
Support RS232 Back panel
Independent External Power 12V / 5V
JUMP1 Connector Pin 1 and Pin 2 = R15 Signal.
JUMP2 Connector Pin 3 and Pin 4 = R16 Signal.
IF JUMP1 Connector Pin 5 and Pin 7 = R15 is VCC
IF JUMP2 Connector Pin 6 and Pin 8 = R16 is VCC
IF JUMP1 Connector Pin 7 and Pin 9 = R15 is 12V
IF JUMP2 Connector Pin 8 and Pin 10 = R16 is 12V



- | | |
|-------------|-----------------|
| 1=-XRI5(NA) | 2=COM_-XRI5(NA) |
| 3=-XRI6(NA) | 4=COM_-XRI6(NA) |
| 5=+5V | 6=+5V |
| 7=COM5_PWR | 8=COM6_PWR |
| 9=+12V | 10=+12V |

COM7 & COM8 POWER SWITCH : JP2

Support RS232 Back panel
Independent External Power 12V / 5V
JUMP1 Connector Pin 1 and Pin 2 = R17 Signal.
JUMP2 Connector Pin 3 and Pin 4 = R18 Signal.
IF JUMP1 Connector Pin 5 and Pin 7 = R17 is VCC
IF JUMP2 Connector Pin 6 and Pin 8 = R18 is VCC
IF JUMP1 Connector Pin 7 and Pin 9 = R17 is 12V
IF JUMP2 Connector Pin 8 and Pin 10 = R18 is 12V



- | | |
|-------------|-----------------|
| 1=-XRI7(NA) | 2=COM_-XRI7(NA) |
| 3=-XRI8(NA) | 4=COM_-XRI8(NA) |
| 5=+5V | 6=+5V |
| 7=COM7_PWR | 8=COM8_PWR |
| 9=+12V | 10=+12V |

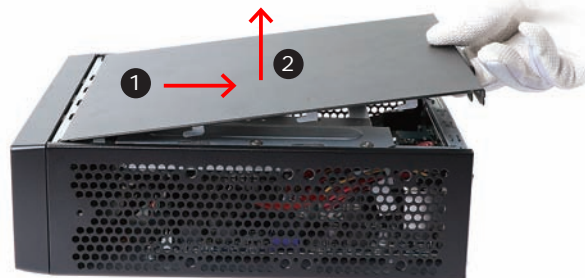
A. Begin Installation

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

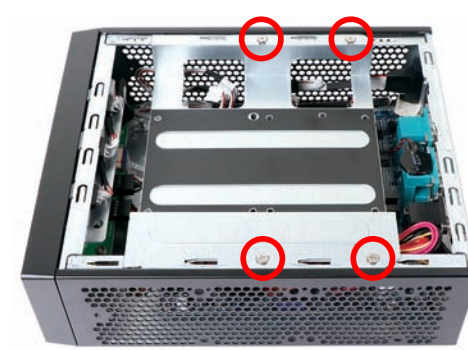
1. Unscrew the two thumbscrews of the chassis cover.



2. Slide the cover backwards and upwards.



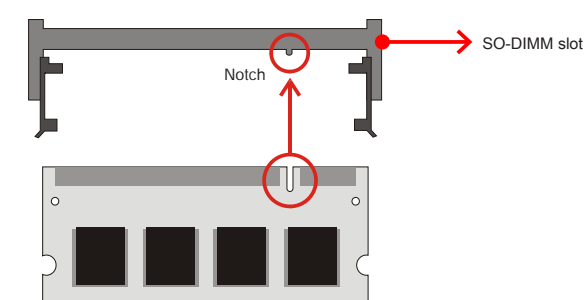
3. Unfasten the rack mount screws and remove the rack.



B. Memory Module Installation

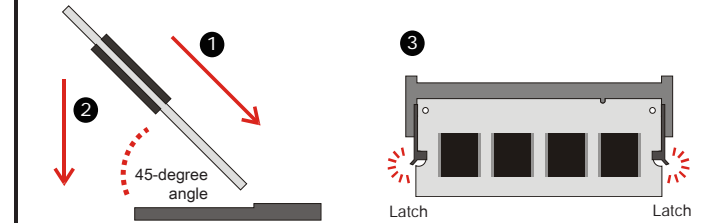
This motherboard does only support 1.35V DDR3L SO-DIMM memory modules.

1. Locate the SO-DIMM slot on the motherboard.
2. Align the notch of the memory module with the one of the memory slot.

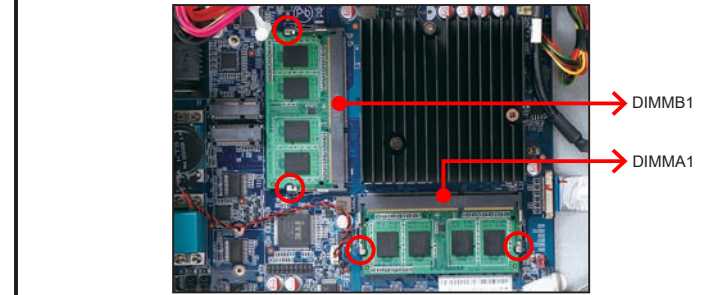


3. Gently insert the module into the slot in a 45-degree angle.

4. Carefully push down the memory module until it snaps into the locking mechanism.

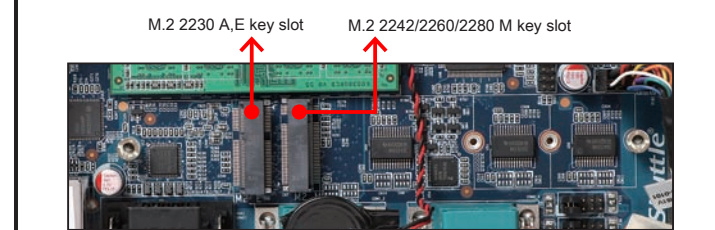


5. Repeat the above steps to install additional memory modules, if required.



C. Component Installation

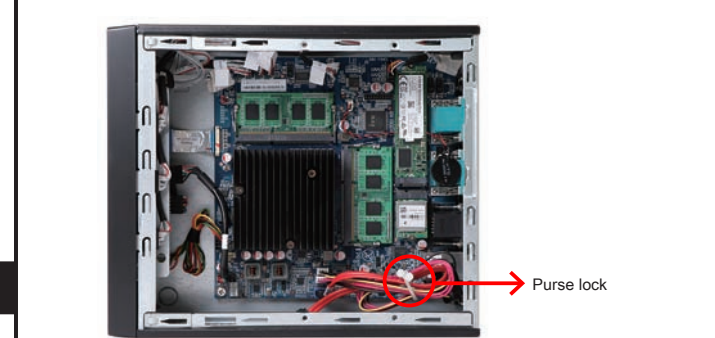
1. As shown in Illustration.



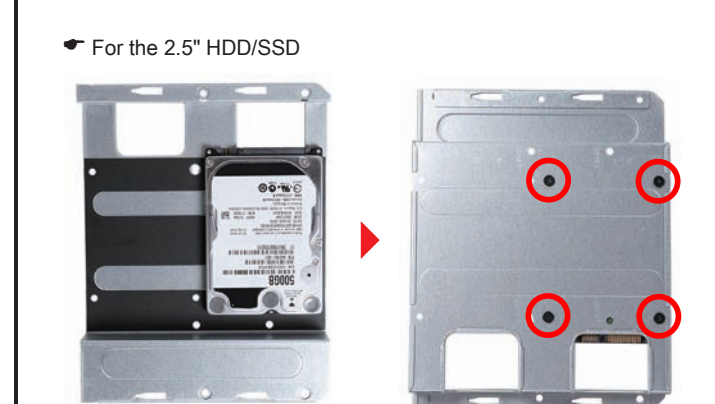
2. Install the M.2 device into the M.2 slot and secure with the screw.



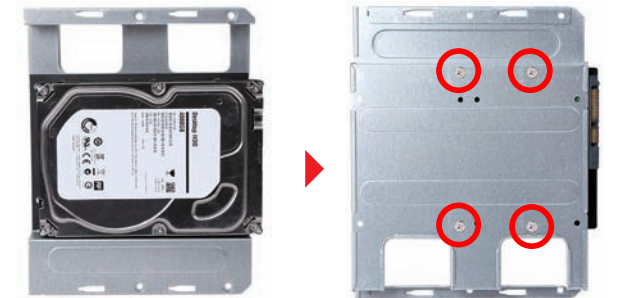
3. Untie all cables for easier installation.



4. Place the HDD or SSD in the rack and secure with the four screws.

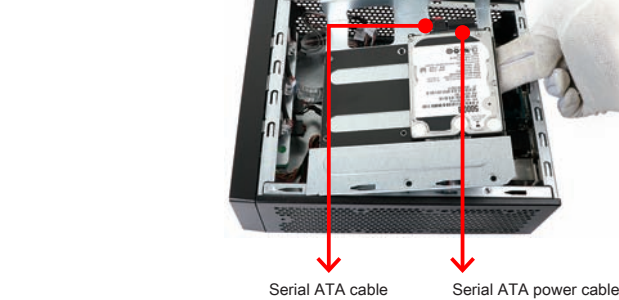


For the 3.5" HDD/SSD



5. Connect the Serial ATA and power cables to the HDD or SSD.

For the 2.5" HDD/SSD

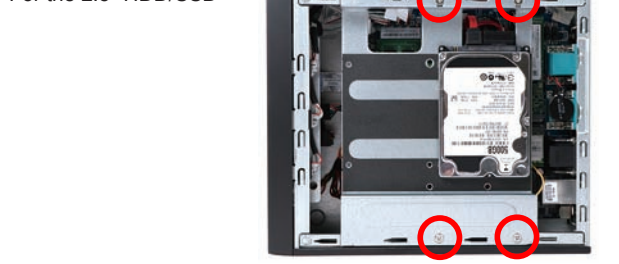


For the 3.5" HDD/SSD



6. Slide the rack in the chassis and refasten the four screws.

For the 2.5" HDD/SSD



For the 3.5" HDD/SSD



D. Complete

1. Replace the cover and refasten the thumbscrews.



2. Complete.

Please press the "Del" key while booting to enter BIOS. Here, please load the optimised BIOS settings.