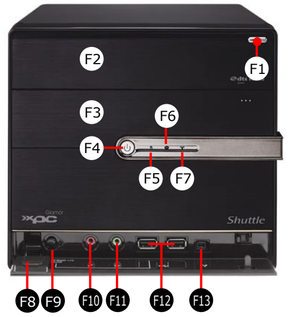
SN68PTG5 & SN68PTG6 Deluxe Quick Guide【English】

SN68PTG5 Front panel

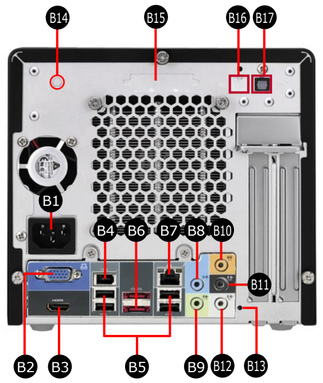
F1. Eject Button
F2. 5.25" Bay
F3. 3.5" Bay
F4. Reset
F5. HDD LED
F6. Power LED
F7. Power switch
F8. Mic
F9. Headphone
F10. USB2.0 ports
F11. Mini IEEE1394 port

SN68PTG6 Deluxe Front panel



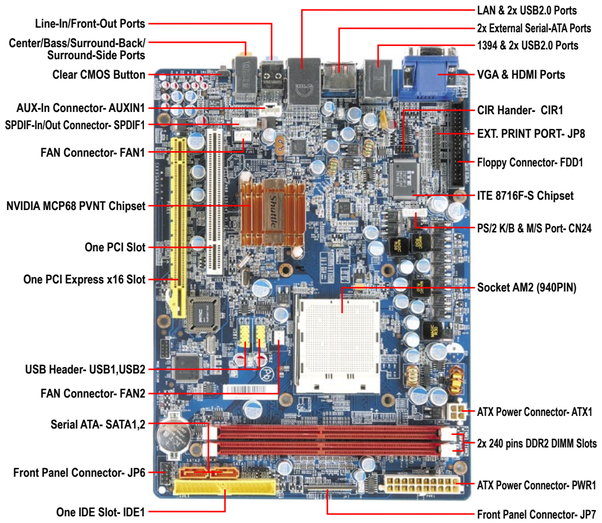
F1. Eject Button
F2. 5.25" Bay
F3. 3.5" Bay
F4. Power Switch & LED
F5. HDD LED
F6. Bluetooth LED
F7. WiFi LED
F8. Fingerprint Sensor
F9. Speed-Link On/Off
F10. Mic
F11. Headphone
F12. USB2.0 ports
F13. Mini IEEE1394 port

Back panel



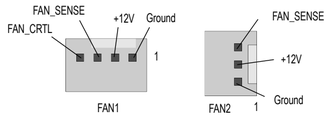
B1. AC Power Socket
B2. VGA Port
B3. HDMI Port
B4. IEEE1394 Port
B5. USB2.0 Ports
B6. External Serial-ATA Ports
B7. LAN Port
B8. Line-In Port
B9. Front-Out (L/R) Port
B10. Center/Bass Port
B11. Surround-Back (L/R) Port
B12. Side Surr (L/R) Port
B13. Clear CMOS Button
B14. Wireless LAN Perforation
B15.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

Mainboard illustration



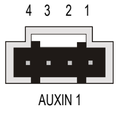
Jumper Settings

Fan Connectors



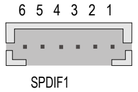
AUX-IN Connector

Pin Assignments:
1=AUX-in Left
2=Ground
3=Ground
4=AUX-in Right



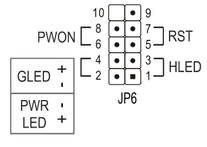
SPDIF-IN/Out Connector

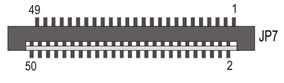
Pin Assignments:
1=SPDIF IN
2=GND
3=VCC
4=GND
5=VCC
6=SPDIF OUT



Front Panel Connectors

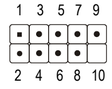
Pin Assignments (JP6):
1=HDLED_PU
2=GLEDA
3=HDLED
4=GLEDB
5=Reset_SW
6=Power_SW
7=GND
8=GND
9=NC
10=KEY





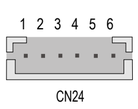
CIR Hander

Pin Assignments (CIR1):
1=SIO_8716_PIN26
2=5V_DUAL
3=SIO_8716_PIN30
4=SIO_8716_PIN85
5=SIO_8716_PIN27
6=SIO_8716_PIN20
7=SIO_8716_PIN21
8=SIO_8716_PIN23
9=KEY
10=GND



PS/2 Keyboard & Mouse Port

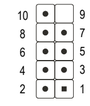
Pin Assignments:
1=KDAT
2=KCLK
3=5V_DUAL
4=GND
5=MDAT
6=MCLK



Extended USB Connectors

Pin Assignments (USB1, USB2):

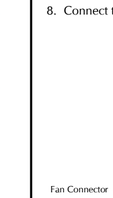
1=USBPWR0	2=USBPWR1
3=USB_FP_P0-	4=USB_FP_P1-
5=USB_FP_P0+	6=USB_FP_P1+
7=GND	8=GND
9=KEY	10=USB_FP_OC0



Parallel Port Header-EXT. Printer Port

Pin Assignments:

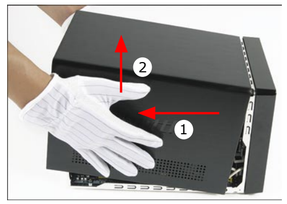
1=PSTB	2=PD0
3=PD1	4=PD2
5=PD3	6=PD4
7=PD5	8=PD6
9=PD7	10=P_-ACK
11=P_BUSY	12=P_PE
13=P_SLCT	14=PAUTOFD
15=P_-ERR	16=PINIT
17=PSLCTIN	18=GND
19=GND	20=GND
21=GND	22=GND
23=GND	24=GND
25=GND	26=KEY



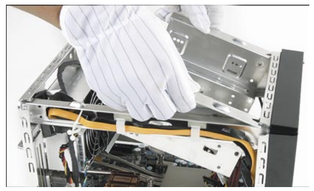
A. Begin Installation

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.

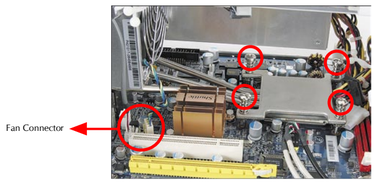


3. Unfasten the rack mount screws and remove the rack.

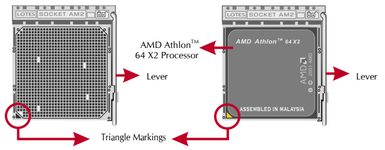


B. CPU and ICE Installation

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.

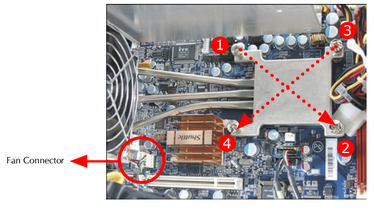


Note: Failure to correctly align the CPU and socket can result in damage to the CPU.

6. Spread an even layer of thermal compound on the CPU die.

Note: Please do not use too much Heatsink compound.

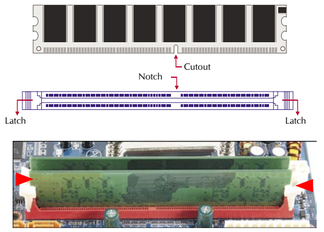
7. Screw the ICE module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.
8. Connect the fan connector.



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

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.

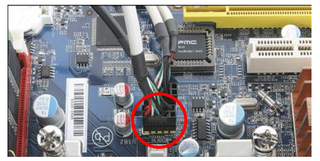


3. Check that the latches are closed, and the DDR2 modules are firmly installed.

Note: Repeat to install additional DDR2 modules if desired.

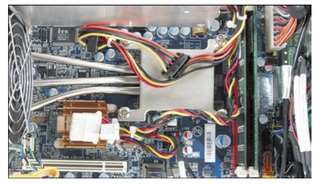
D. Cable and Rack Installation

1. Plug the card reader USB cable to the USB header located on the motherboard.



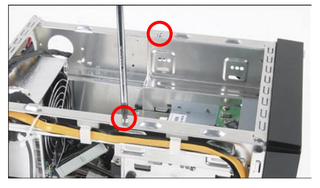
Note: Please leave the red line(1st pin) close to left.

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

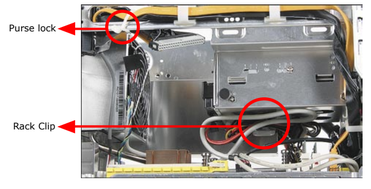


3. Place the HDD/Card reader in the rack and secure with screws from the side.

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

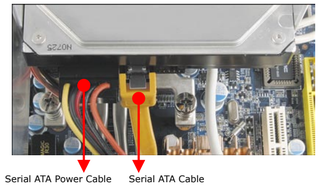


5. Place the power cables in the rack clip located on the underside of the rack mount then loosen the purse lock and separate the Optical Drive power cable.



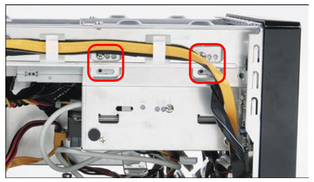
E. Peripheral Installation

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

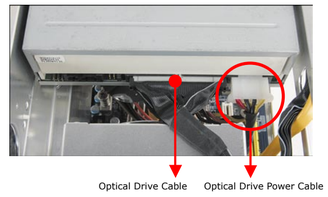


2. Connect the card reader USB cable to the Card Reader

3. Slide the optical drive into the chassis.
4. Fasten the four side screws.



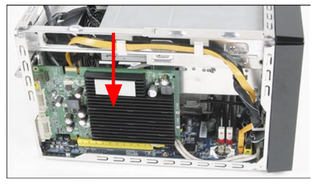
5. Plug the optical drive cable and power cable into the optical drive.



F. Accessories Installation

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

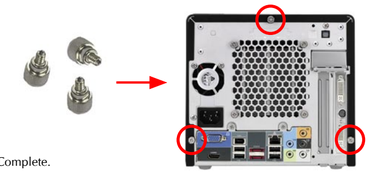
2. Install the PCI/PCI-E 16X card into the PCI/PCI-E 16X slot.



3. Secure the bracket.

G. Complete

1. Replace the cover and refasten the thumbscrews.



2. Complete.

Note: Please load the optimized BIOS values.