

SS31T Quick Guide 【English】

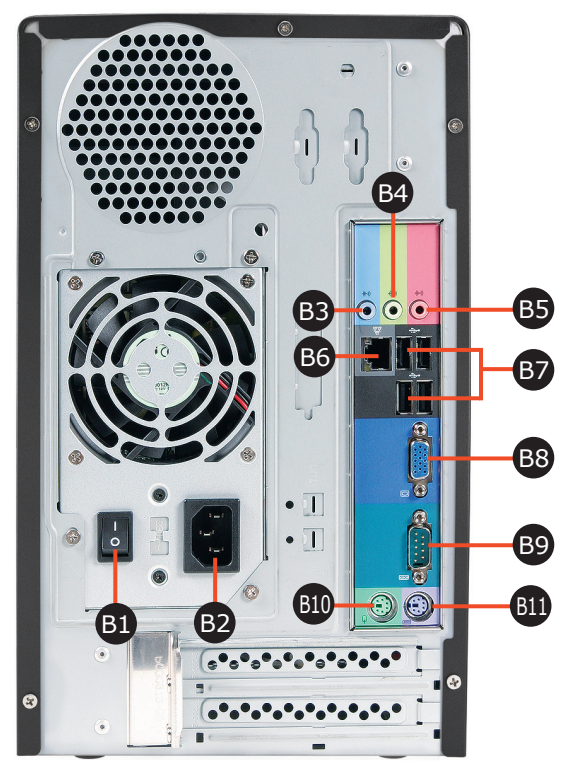
Front panel

- F1. 5.25" Bay
- F2. Eject Button
- F3. 3.5" Bay
- F4. HDD LED
- F5. Power Switch & LED
- F6. Mic in
- F7. Headphone
- F8. USB Ports

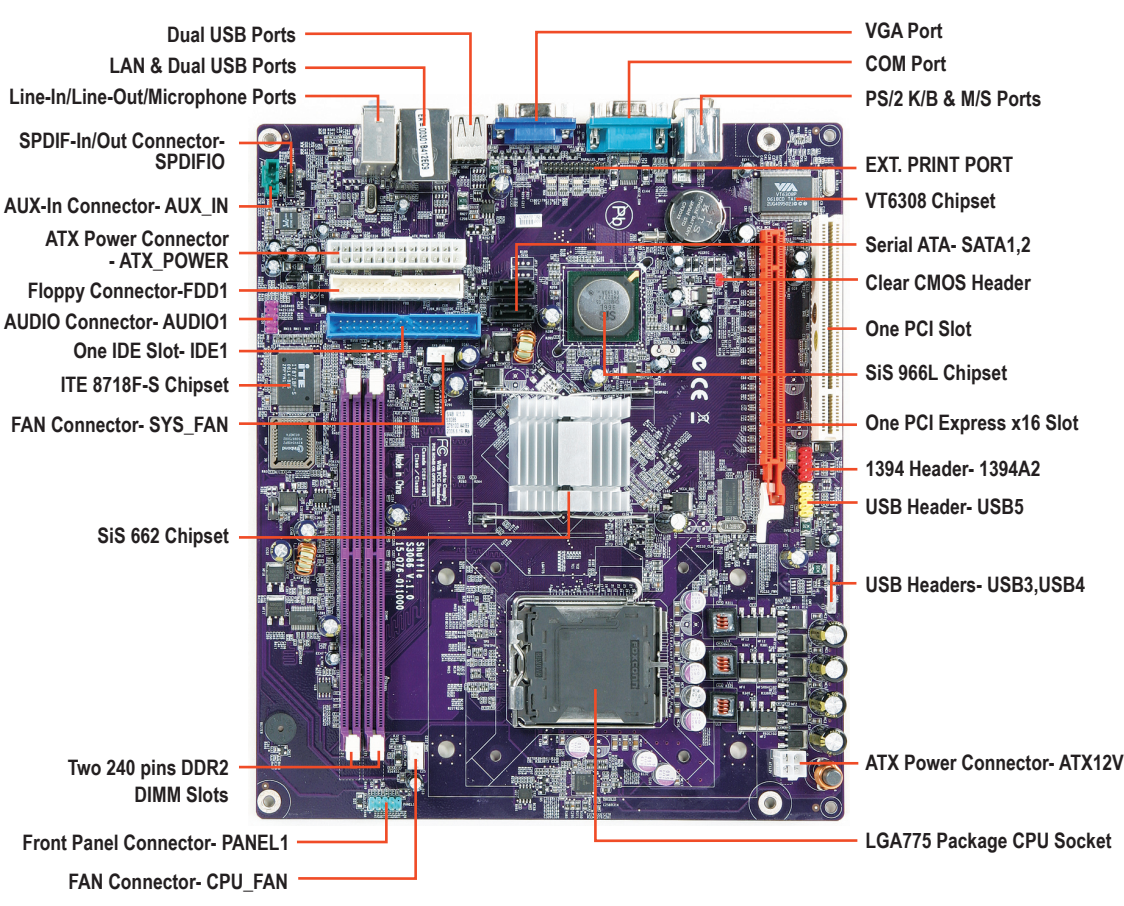


Back panel

- B1. AC Power Switch
- B2. AC Power Socket
- B3. Line-In Port
- B4. Line-Out Port
- B5. Microphone Port
- B6. LAN Port
- B7. USB Ports
- B8. VGA Port
- B9. COM Port
- B10. PS/2 Mouse Port
- B11. PS/2 Keyboard Port



Mainboard illustration



Jumper Settings

Front Panel Connector

Pin Assignments:

1=HD LED_P	2=PWR SLP
3=HD LED_N	4=PWR SLP
5=RST SW N	6=PWR SW P
7=RST SW P	8=PWR SW N
9=RSVD	10=KEY

PANEL1

Fan Connectors

Pin Assignments:

1=HD LED_P	2=PWR SLP
3=HD LED_N	4=PWR SLP
5=RST SW N	6=PWR SW P
7=RST SW P	8=PWR SW N
9=RSVD	10=KEY

SYS_FAN

CPU_FAN

Clear CMOS Header

Pin Assignments:

1=CLR_CMOS	2=CLR_CMOS
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Open

Short

AUX-IN Connector

Pin Assignments:

1=AUXIN_L	2=AGND
3=AGND	4=AUXIN_R

AUX_IN

SPDIF-IN/Out Connector

Pin Assignments:

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

SPDIFIO

Real Audio Connector

Pin Assignments:

1=AUD MIC	2=AUD GND
3=MIC BIAS	4=AUD VCC
5=AUD_F_R	6=AUD_RET_R
7=REVD	8=KEY
9=AUD_F_L	10=AUD_RET_L

AUDIO1

Extended USB Connectors

Pin Assignments (USB3,4):

1=GND	2=GND
3=USB+	4=USB-
5=5VSB	

USB3,USB4

Pin Assignments (USB5):

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_OCO

USB5

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		

PARALLEL_PORT

A. Begin Installation

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

1. Unscrew 5 screws of the chassis cover.
2. Slide the cover backwards and upwards.
3. Remove the front panel.
4. Use a screwdriver to take apart of the 5.25" Bay Cover.
5. Unscrew 5 screws of the 3.5" bay rack mount and remove the rack.

B. CPU and FAN Installation

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.

1. Remove the protective cover. First unlock and raise the socket lever, then open the load plate (be careful not to touch the socket pins during this process).
2. Orientate the CPU and socket, aligning the yellow triangle on the corner of the CPU with the triangle on the socket. Making sure the CPU is perfectly horizontal, insert the CPU into the socket. Close the load plate, lower the CPU socket lever and lock in place.
3. Spread an even layer of thermal compound on the CPU die.

Note: Please do not use too much Heatsink compound.

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. Card Reader and HDD Installation

1. Place the HDD/Card Reader in the rack and secure with screws from the side.
2. Connect the card reader USB cable to the Card Reader.
3. Connect the Serial ATA, power extension cables to the HDD.
4. Place the rack in the chassis and refasten the rack.
5. Plug card reader USB cable in the USB3 header.
6. Plug the Serial ATA HDD cable in the SATA1 header and connect the power extension cable to the 4-pin powerheader as shown.

E. Optical Drive Installation

1. Slide the optical drive into the chassis.

F. Accessories Installation

1. Fasten the side screws.
2. Plug the optical drive cable and power cable into the optical drive.
1. Unfasten expansion slot bracket screws. Remove the back panel bracket and put the bracket aside.
2. Install the PCI/PCI Express x16 card into the PCI/PCI Express x16 slot.
3. Secure the bracket.

G. Complete

1. Re-attach the front panel.
2. Replace the cover and refasten 5 screws.
3. Complete.

Note: Please load the optimized BIOS values.