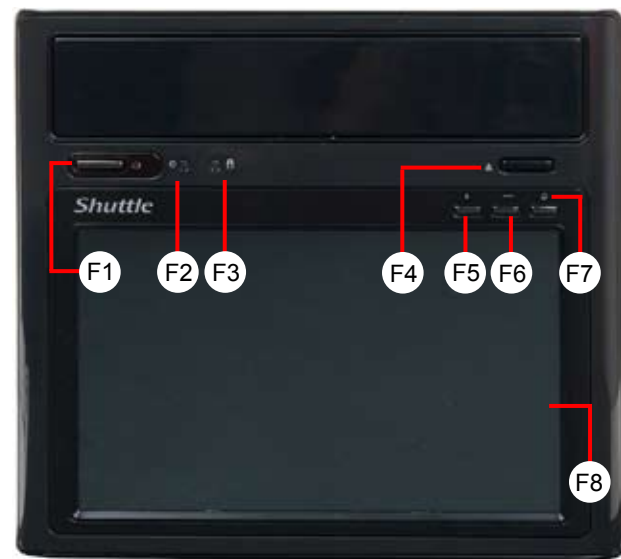


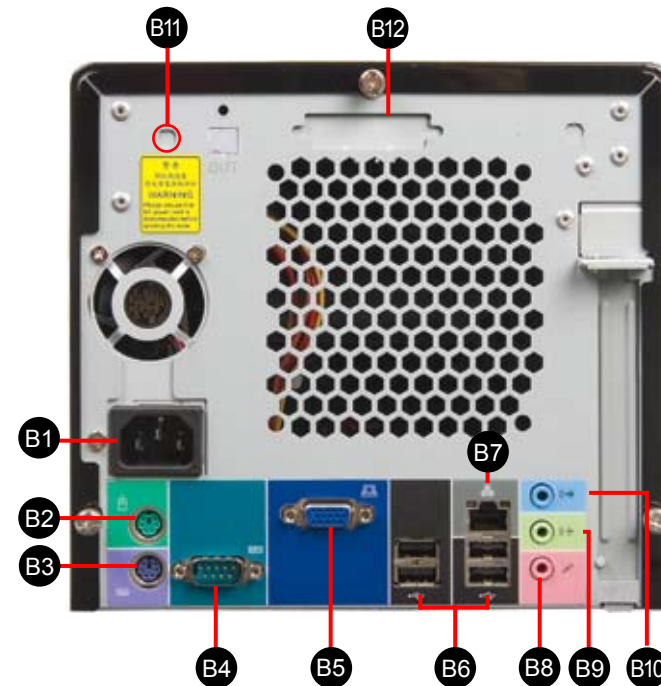
D10 Quick Guide 【English】

Front panel



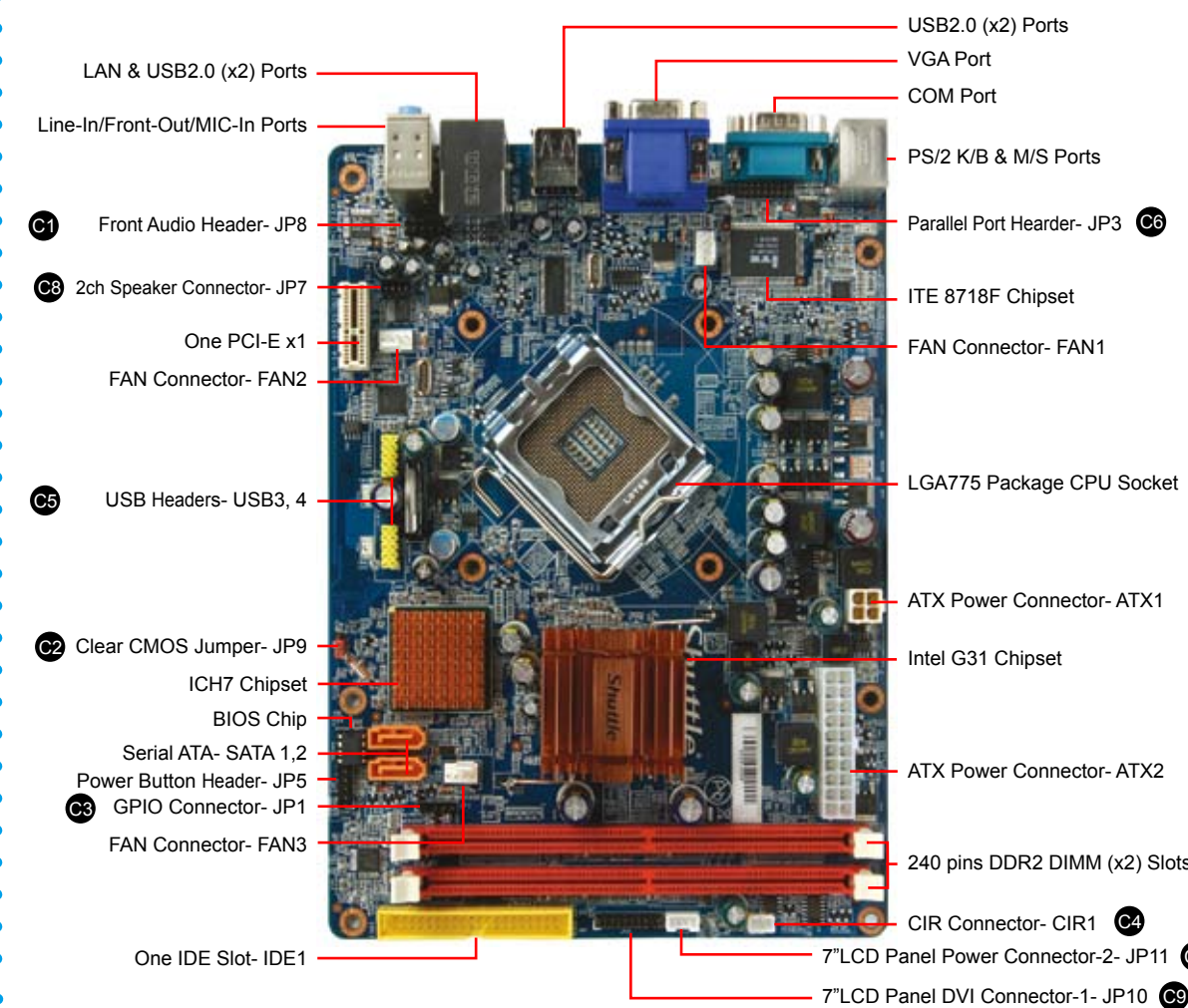
- F1. Power Switch
- F2. Power LED
- F3. HDD LED
- F4. Eject Button
- F5. Up
- F6. Down
- F7. MENU/ok
- F8. 7"LCD touch panel

Back panel



- B1. AC Power Socket
- B2. PS/2 Mouse Port
- B3. PS/2 Keyboard Port
- B4. COM Port
- B5. VGA Port
- B6. USB2.0 Ports
- B7. LAN Port
- B8. MIC-In Port
- B9. Front-Out (L/R) Port
- B10. Line-In Port
- B11. Wireless LAN Perforation
- B12. Parallel Port Perforation

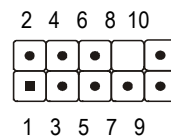
Mainboard illustration



Jumper Settings

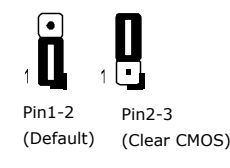
C1 Front Audio Header

Pin Assignments (JP8):
1=MIC2_L
2=AGND
3=MIC2_R
4=FRONT CTL
5=LINE2-R
6=SENSE1_RETURN
7=FRONT_SENSE
8=KEY
9=LINE2-L
10=SENSE2_RETURN



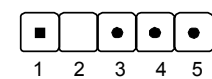
C2 Clear CMOS Jumper

Pin Assignments (JP9):
1=RTC_RST-
2=-RTC_RST
3=-RTCBTN



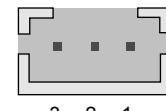
C3 GPIO Connector

Pin Assignments (JP1):
1=VCC
2=KEY
3=GND
4=GP15
5=GP14



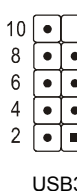
C4 CIR Connector

Pin Assignments (CIR1):
1=PIN85_CIRRX
2=5V_DUAL
3=GND

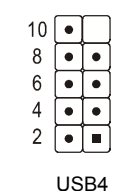


C5 USB Headers

Pin Assignments (USB3):
1=USBPW3
2=USBPW3
3=USBP2N
4=USBP3N
5=USBP2P
6=USBP3P
7=GND
8=GND
9=KEY
10=GND

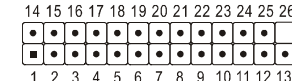


Pin Assignments (USB4):
1=USBPW4
2=USBPW4
3=USBP6N
4=USBP7N
5=USBP6P
6=USBP7P
7=GND
8=GND
9=KEY
10=GND



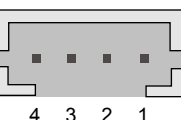
C6 Parallel Port Header

Pin Assignments (JP3):
1=P_STB
2=P_PD0
3=P_PD1
4=P_PD2
5=P_PD3
6=P_PD4
7=P_PD5
8=P_PD6
9=P_PD7
10=P_ACK
11=P_BUSY
12=P_PE
13=P_SLCT
14=P_AFD
15=P_ERR
16=P_INIT
17=P_SLIN
18=Ground
19=Ground
20=Ground
21=Ground
22=Ground
23=Ground
24=Ground
25=Ground
26=Key



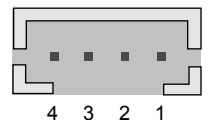
C8 2ch Speaker connector

Pin Assignments (JP7):
1=2W_LINE2-R+
2=2W_LINE2-R-
3=2W_LINE2-L+
4=2W_LINE2-L-



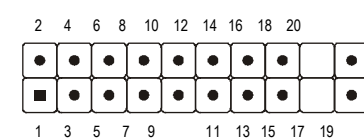
C7 7"LCD Panel Power Connector-2

Pin Assignments (JP11):
1=GND
2=VCC
3=VCC
4=GND



C9 7"LCD Panel DVI Connector-1

Pin Assignments (JP10):
1=TX0_R-
2=TX_CLK+
3=TX0_R+
4=TX_CLK-
5=GND
6=GND
7=TX1_G-
8=SCLDDC
9=TX1_G+
10=SCADDC
11=GND
12=GND
13=TX1_B-
14=DVI_PWR
15=TX1_B+
16=DVI_HTPLG
17=KEY
18=Key
19=GND
20=GND



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.

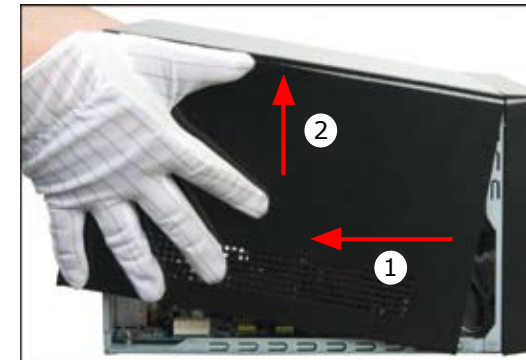
CLASS 1 LASER PRODUCT

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.

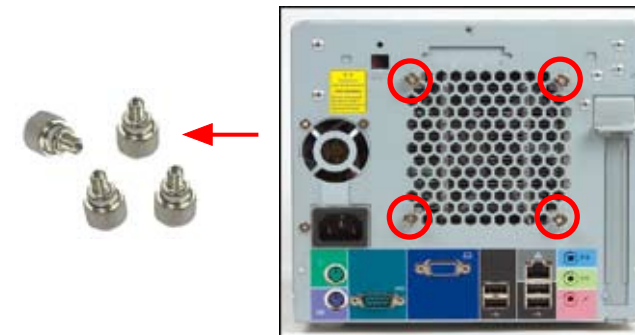


3. Unfasten the rack mount screws and remove the rack.

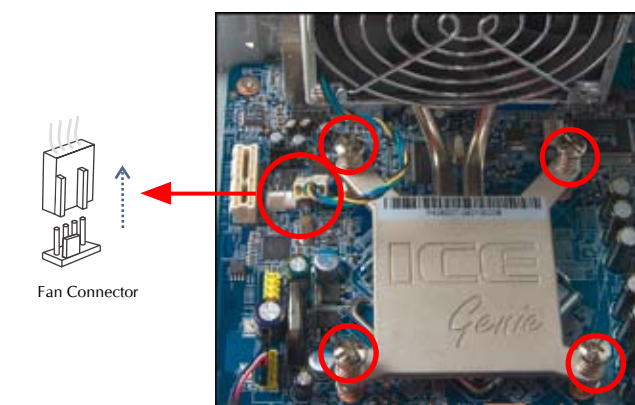


B. CPU Installation

1. Unfasten the ICE™ Genie cooling Module thumbscrews on the back of the chassis.

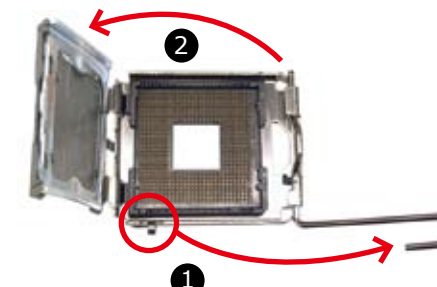


2. Unfasten the four ICE™ Genie cooling Module attachment screws and unplug the fan connector.

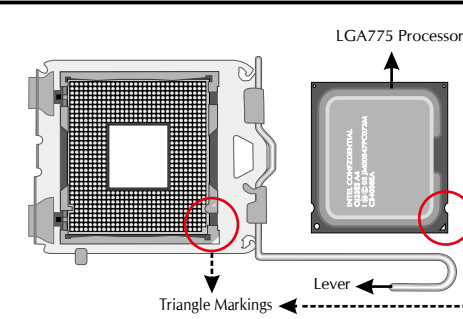
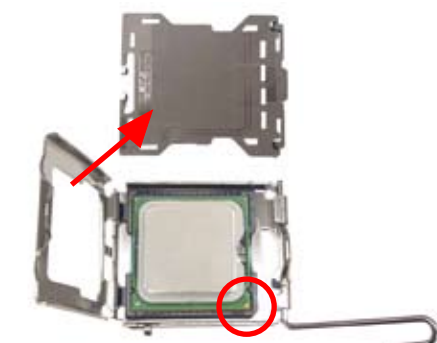


3. Remove the ICE™ Genie cooling Module from the chassis and put it aside.
4. First unlock and raise the socket lever, lift the metal load plate on the CPU socket.

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.



5. Remove the protective socket cover.
6. 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.



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

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

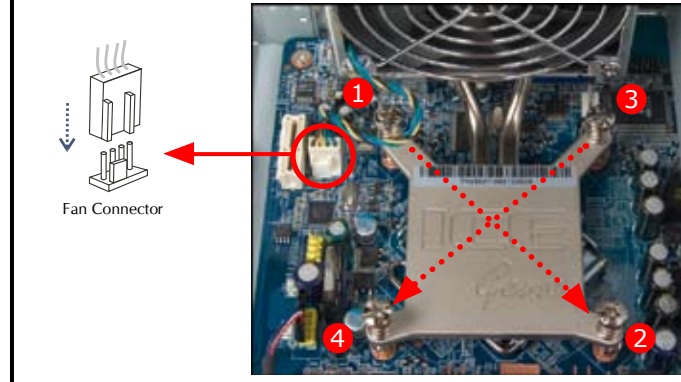


Note: Please do not use too much Heatsink compound.

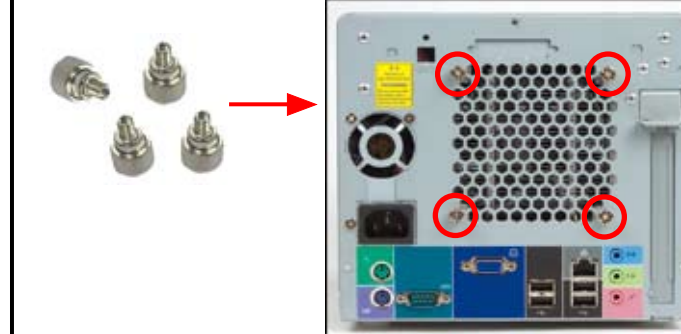
C. FAN Installation

Note: Recommend to install the ICE™ Genie cooling module, proceed to step 1-3. If you are installing the Intel CPU Fan, proceed to step 4.

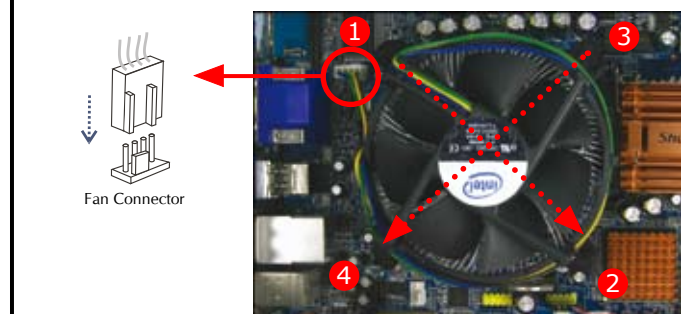
1. Screw the ICE™ Genie cooling Module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.
2. Connect the fan connector.



3. Fasten the ICE™ Genie cooling Module to the chassis with the 4 thumbscrews.



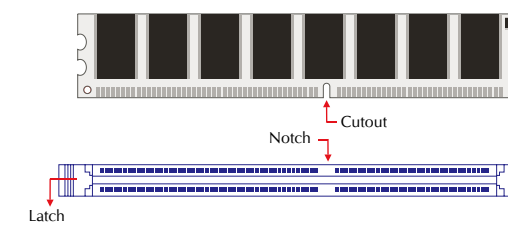
4. Screw the Intel CPU FAN to the mainboard and connect the fan connector.



Note: Please refer to the user guide of the Intel CPU FAN you bought to install the fan.

D. 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.

E. HDD and Optical Drive Installation

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

Note: Please install HDD in 1st 3.5" bay.

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



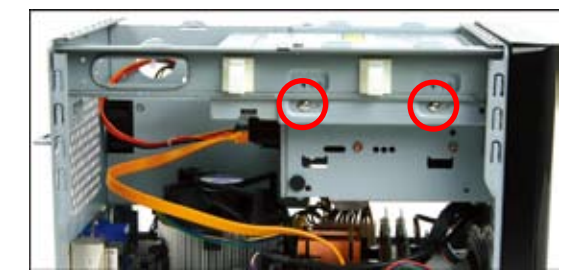
3. Connect the Serial ATA and power cables to the HDD.



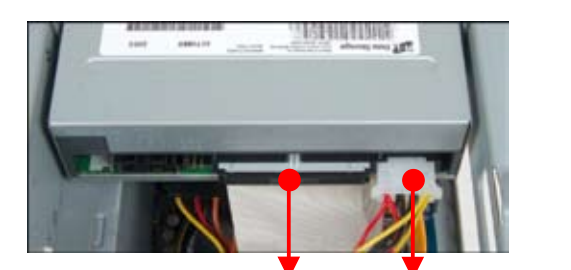
4. Plug the Serial ATA cable to the SATA1/SATA2 header.



5. Slide the Optical Drive into the chassis and secure with screws from the side.



6. Connect the IDE Cable and Power Cables to the Optical Drive.



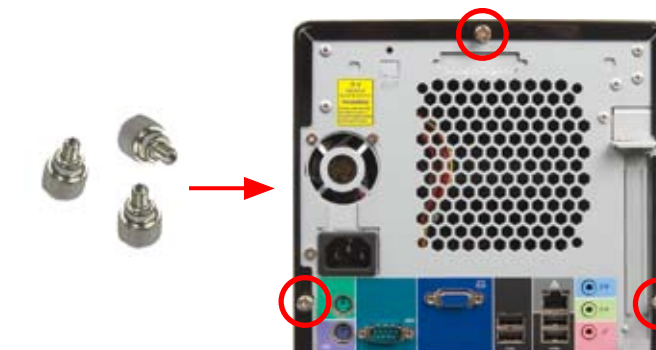
7. Plug the IDE Cable to the IDE1 Slot.

Note: Please plug IDE and SATA cable and be careful DO NOT touch or wired CPU Fan



F. Complete

1. Replace the cover and refasten the thumbscrews.

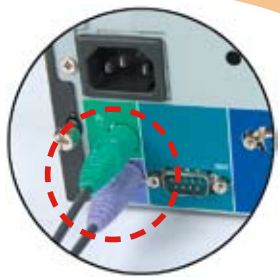


2. Complete.

Note: Please load the optimized BIOS values.

D10 System Quick Guide 【English】

1 Connecting Keyboard and Mouse (PS/2 Mouse, PS/2 Keyboard Port)



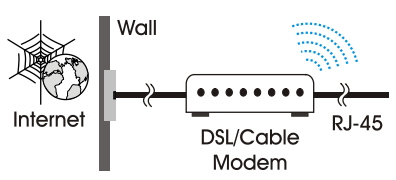
2 Connecting Monitor (VGA Port)



3 Connecting USB device (USB Ports)



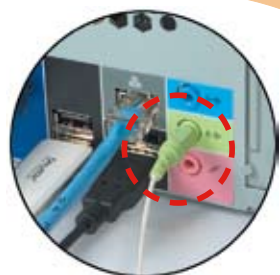
4 Connecting the Network (LAN Port)



5 Connecting Speaker (Front-Out Port)



Support 5.1 channels



8 Powering on the system (Power Switch)



7 Connecting Power (AC Power Socket)



6 Connecting Headphone & Microphone (Front-Out & MIC-In Port)



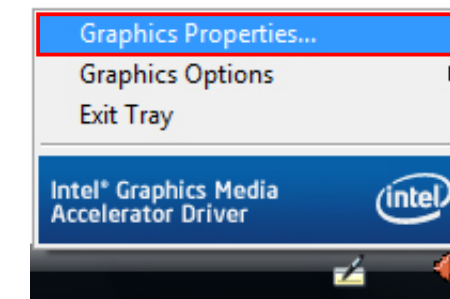
How to enable Dual Monitor 【English】

Please install all drivers from motherboard driver CD/DVD, and then check follow setting step by step: **Enable Digital Display CTRL+ALT+F4**

1 <Enable Dualview> To turn on Dualview

Users will see icon in the task bar.

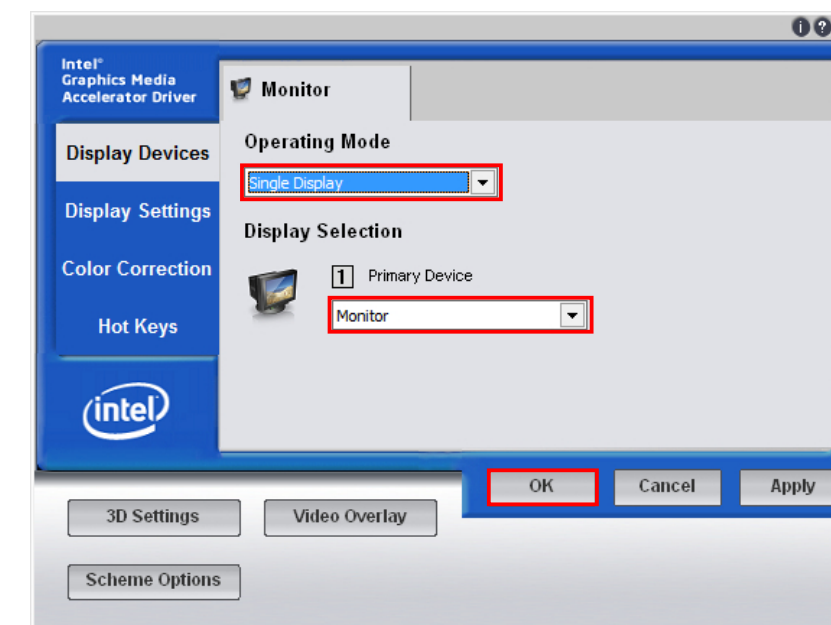
Right-click the and then click **Graphics Properties...**



Open Graphics Properties Application
CTRL+ALT+F12

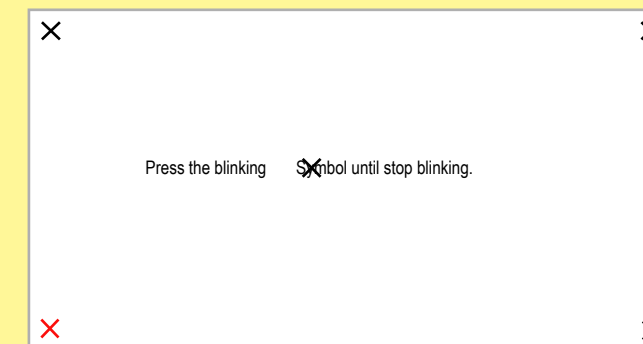
2 <Single Display Mode>

1. In the **Graphics Properties** dialog box, click the **Display Devices** tab.
2. Click the **Operating Mode** list and select **Single Display**.
3. Click the **Primary Device** list and select **Monitor** or **Digital Display**.
4. Click **OK**.



How to use Touch Panel

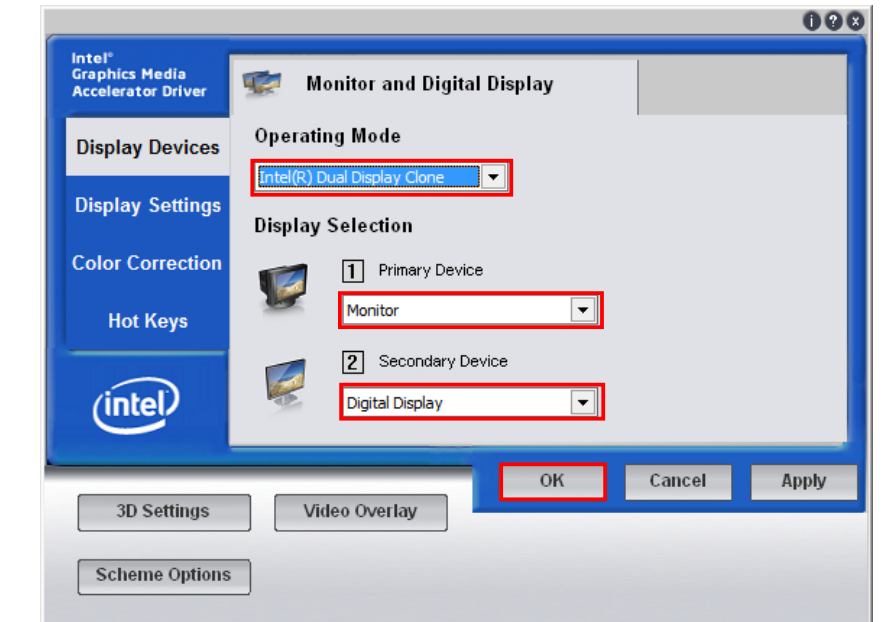
<4pts Cal> Correct 4 point locations on screen with the panel. Press [4 pts Cal], screen displays as follows.



Touch the blinking symbol on panel until beep or stop blinking.

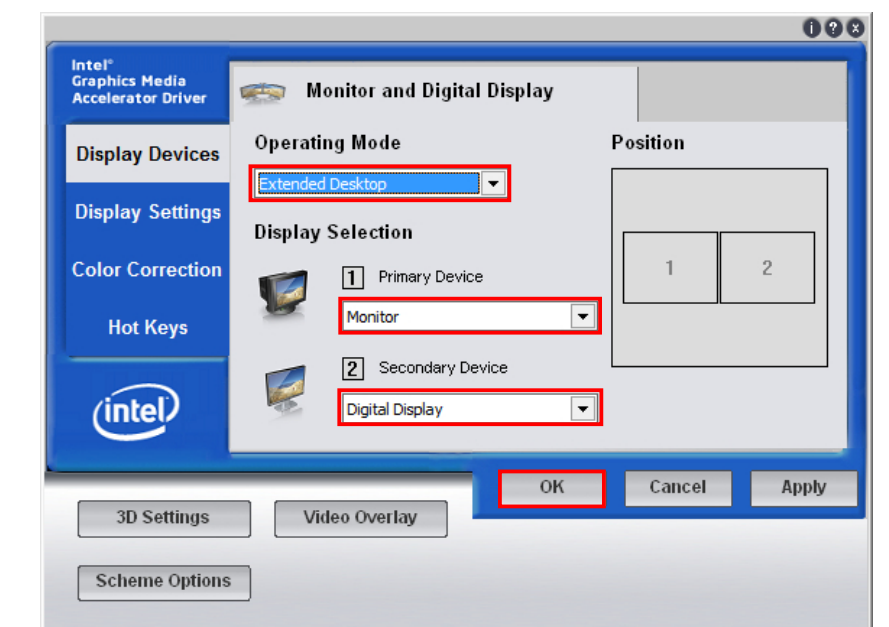
3 <Intel(R) Dual Display Clone Mode>

1. In the **Graphics Properties** dialog box, click the **Display Devices** tab.
2. Click the **Operating Mode** list and select **Intel(R) Dual Display Clone**.
3. Click the **Primary/Secondary Device** list and select **Monitor** or **Digital Display**.
4. Click **OK**.



4 <Extended Desktop Mode>

1. In the **Graphics Properties** dialog box, click the **Display Devices** tab.
2. Click the **Operating Mode** list and select **Extended Desktop**.
3. Click the **Primary/Secondary Device** list and select **Monitor** or **Digital Display**.
4. Click **OK**.



With Dualview enabled, you can drag windows between monitors as if the two monitors are connected. When you maximize a window, it will expand to fill the current monitor.

PN20 Quick Guide for D10 series (Optional) 【English】

Follow the installation instructions listed below

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

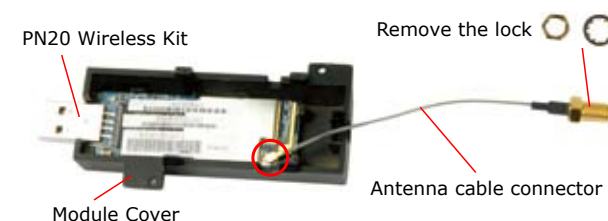
1. Unfasten the screws on the back panel and remove the case.
2. Use a 6mm screwdriver to puncture the perforated hole on the back panel from the outside in. Once the screwdriver can passthrough the hole, carefully snap the metal tag off.



Note: If the cover still does not detach, carefully bend it by pushing down from the inside of the chassis.

3. Take out the Antenna cable connector and remove the lock, then install it to the PN20 Wireless Kit.

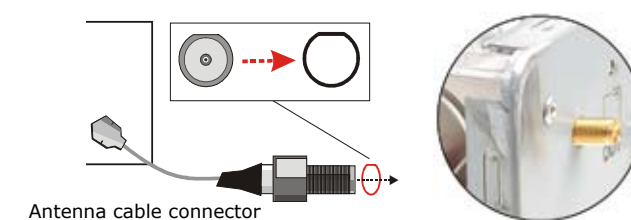
4. Install the PN20 into the module cover as shown below.



5. Screw the PN20 to the two holes on the upside of the chassis arm, near the rear of the XPC.



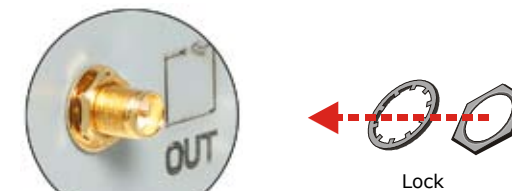
6. Install the antenna cable connector through the side reserve hole into the back chassis.



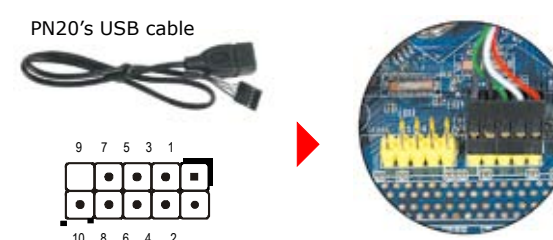
Caution: When inserting the cable connector, check the socket alignment and only push horizontally. Do not turn or twist the cable.

Note: If some difficulty is found while inserting the antenna socket into the reserve hole, make sure the surface is clean. Finally, check the alignment and then use some more force.

7. Use a lock to secure the antenna from the outside.



8. Take out the PN20's USB cable and plug to the USB header located on the motherboard. Double check all connections before continuing.



Note: Please make sure the red cable is on Pin 1 or Pin 2.

9. Connect PN20 to the USB port as shown below.



10. Screw the antenna onto the exposed thread. Set the antenna to vertical for good reception.



Note: Make sure all the connectors are aligned in the correct direction.

11. Attach the case and fasten the thumbscrews to complete the hardware installation.



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference.
(2) this device must accept any interference received, including interference that may cause undesired operation.