X70 Series Quick Guide 【English】

Shuttle®

☞ Front/Rear/Side View

|				
01 Webcam	05 Power LED ☼	10 USB 3.0 Port	15 COM Port	20 Thermal Vent
02 Microphone	06 Stereo speakers	11 HDMI Port	16 Printer Port (Optional)	21 Power Button
03 LCD Display (Optional) (Single/Multi/Non Touch)	07 Microphone Jack	12 USB 2.0 Ports	17 COM Ports (Optional)	22 USB 2.0 Ports
04 Hard Disk Drive LED	08 Headphone / Line-out Jack	13 Clear CMOS Button	18 Stand / Handle	23 USB 2.0 Ports
	09 Lan Ports	14 DC in	19 Kensington® Lock Port	24 SD Card Reader

☞ Placing on the desk

■ To place the machine on the desk and to carry it, do the following:

Place the X70 on a flat surface such as a table (Picture 1), and pull the stand upwards to an angle of 30°, the support bracket can be opened to 60 degrees at most(Picture 2). To carry or move your X70, turn back the angle to 0° (Picture 3).

1. 2. 3.

Max 60°
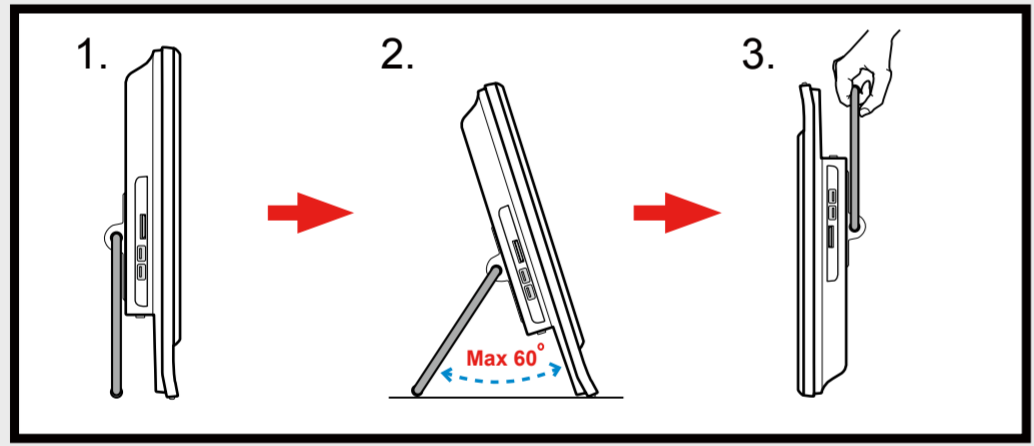
☞ Powering on the system

■ Follow the steps (1~3) below to connect the AC adapter to the **DC in** jack.

Press the **Power Button** to turn on the system.
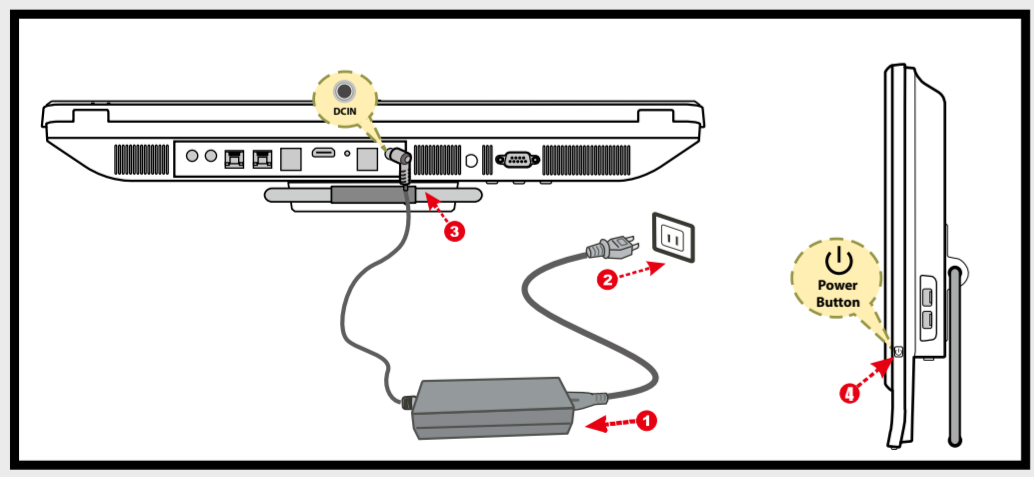
☞ Cleaning the screen

■ Follow these guidelines for cleaning the outside and handling the screen of the computer:

Turn off the system and disconnect all cables.

Use a damp, or cleaning cloth, soft, lint-free cloth with gentle water only and gently wipe the screen surface.

Do not spray liquid directly on the screen.

☞ How to use the Touch Panel (Optional)

■ X70 brings digital life for an easy touch experience.Experience the ease of managing your digital life with a few touches. The touch of your finger replaces the mouse and is all you need to interact with the X70.

- Touch = left-click on the mouse
- Touch and hold = right-click on the mouse
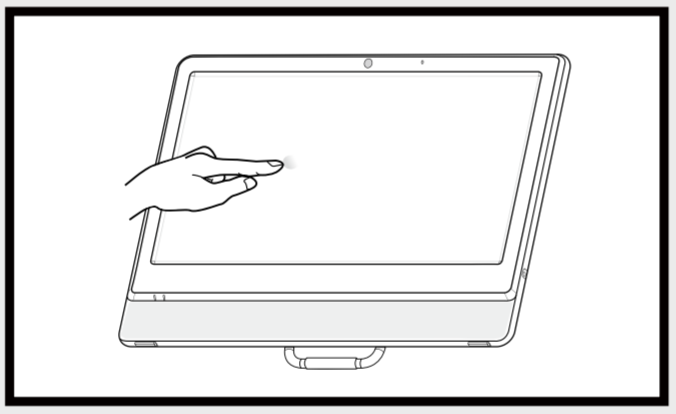
## ☞ VESA mounting it to the wall
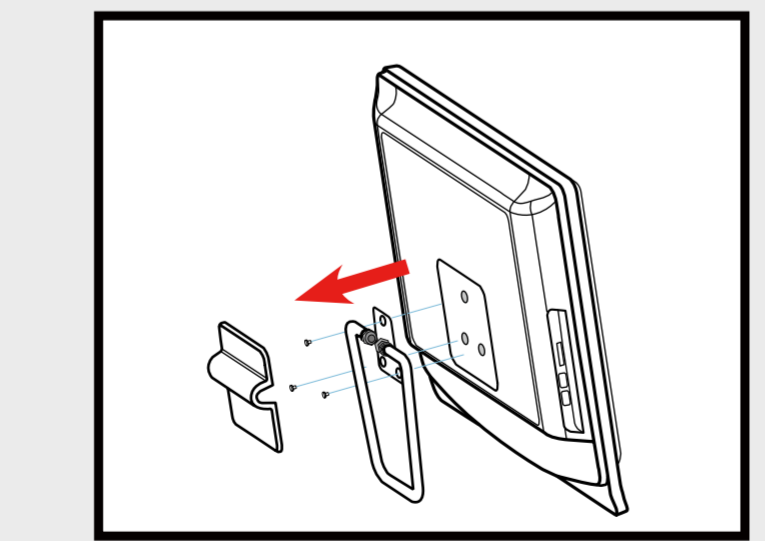
■ If you are mounting your X70 to the wall, remove the cover on the back of X70 first.
Unscrew three screws of the stand mount and remove the stand.
The VESA standard lets users mount it on to walls easily.
Please refer to the user guide of the wall/arm mount kit you bought to install it.
Note : X70 can be mounted to a wall using a VESA compatible 100 x 100mm wall/arm bracket.

☞ 4 Point Calibration (Optional)

■ Run the screen calibration program and correct 4 point locations on screen with the panel.

Click **Start / All Programs / eGalax Touch / Configure Utility**

Select **[Tools]** tab and click **[4 Points Calibration]**
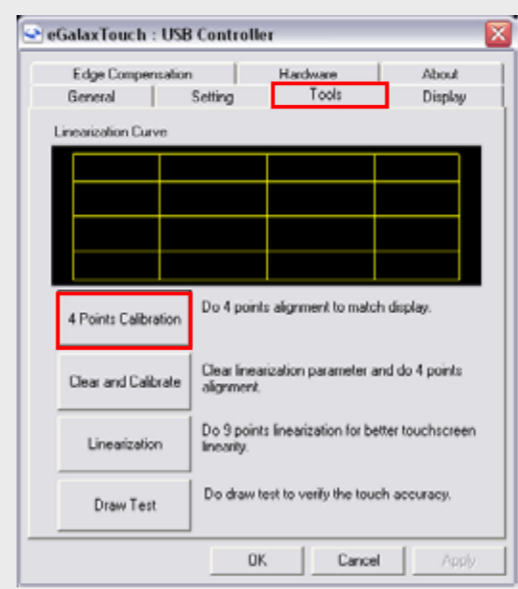
☞ Safety Information

Read the following precautions before setting up a Shuttle X70.

CAUTION 1.

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to the manufacturer's instructions.

■ Touch and hold the center of the target. Repeat on four corners and the screen will adjust automatically.

■ When the 4 points calibration completed, press **[OK]** to continue.


Touch   Hold   OK
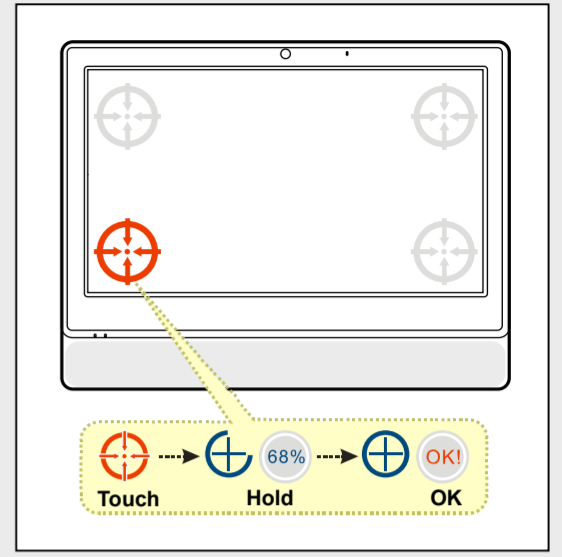
CAUTION 2.

Do not walk on the power cord or allow anything to rest on it.
The warranty does not apply to the products that have been disassembled by users.
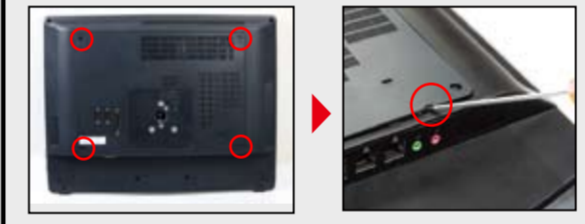
A. Begin Installation

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

1. Remove the cover on the back of X70 first, unscrew three screws of the stand mount and remove the stand.
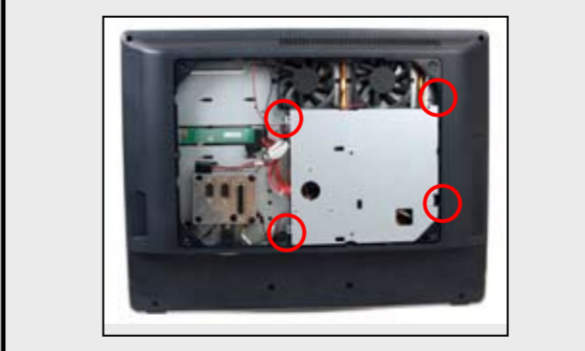

Cover   Screw

Stand / Handle
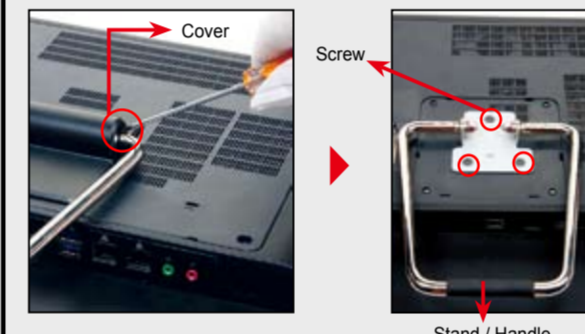
2. Unscrew four screws of the back cover and remove it.
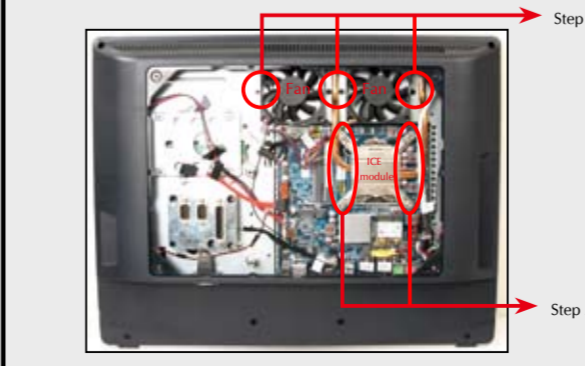

B. ICE and CPU Installation

1. Unscrew the four screws of the VESA Base and remove it first.

2. Unscrew the four screws of the the fans and unplug the fan connectors(Step 1), then unfasten the four ICE module attachment screws(Step 2).

Triangle Pin1 Marking on the CPU

Notch on the CPU/ Alignment Key of the CPU Socket

Socket 1155 CPU

Step 1

Step 2

⚠ Please be aware of the CPU orientation, DO NOT force the CPU into the socket to avoid bending of pins on the socket and damage of CPU!

3. Remove the fans and ICE module from the chassis and put them aside.

⚠ Please note this 1155 pin socket bends easily. Always apply extreme care and little force when installing a CPU and limit the number of times you remove or exchange it. Before installation, make sure to turn off the computer and unplug the power cord from the mains to avoid damage.

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

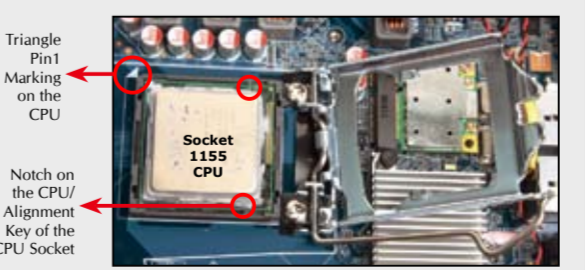4. First unlock and raise the socket lever.
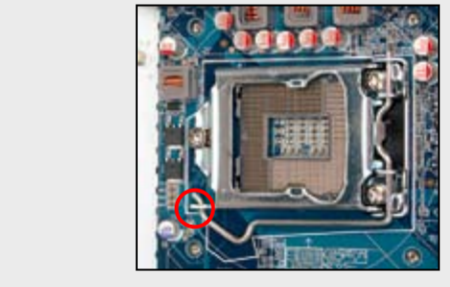
5. Lift the metal load plate on the CPU socket. Tear off the protective membrane from the bottom of ICE module. Remove the protective socket mylar from the CPU socket.

Remove the protective membrane

Metal load plate
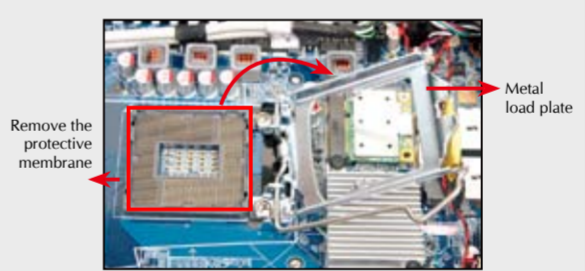
⚠ DO NOT touch socket contacts. To protect the CPU socket, always replace the protective socket cover when the CPU is not installed.
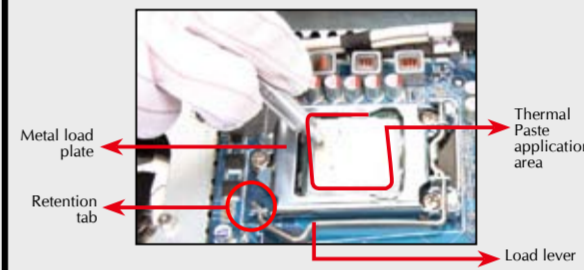
6. Orientate the CPU and socket and please align the CPU notches with the socket alignment keys. Make sure the CPU is perfectly horizontal, insert it into the socket.

7. Close the metal load plate, lower the CPU socket lever and lock in place.

8. Spread thermal paste evenly on the CPU surface.

Metal load plate

Retention tab

Load lever

Thermal Paste application area

⚠ Please do not apply excess amount of thermal paste.

9. Screw the ICE module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.

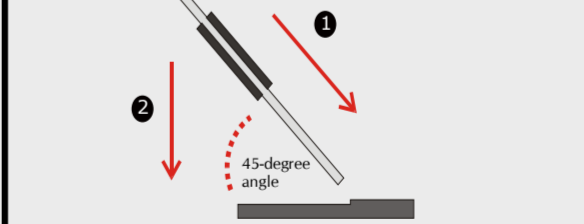10. Fasten the fans with the four screws and connect the fan connectors.

C. Memory Module Installation

1. Locate the SODIMM slot on the mainboard.

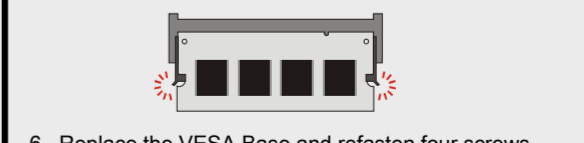2. Align the notch of the memory module with the one of the memory slot.

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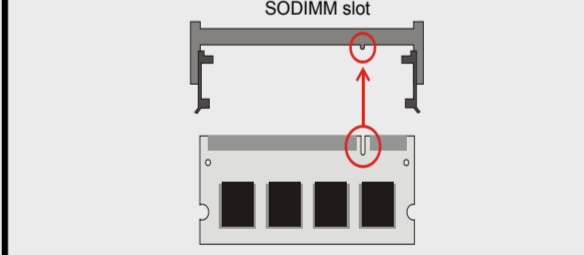
3. Gently insert the module into the slot in a 45-degree angle.

45-degree angle

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

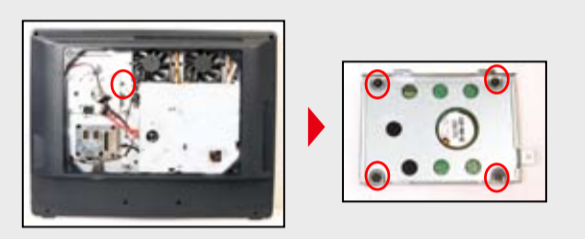5. Repeat the above steps to install additional memory modules, if required.

6. Replace the VESA Base and refasten four screws.

D. HDD Installation

1. Unscrew the screw of the bracket and remove it.
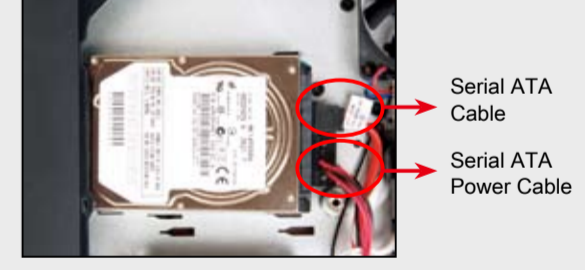2. Mount HDD into the bracket with four screws.

3. As shown, install the HDD & bracket in the chassis and push it towards the direction as indicated by the red arrow.

4. Tighten the HDD & bracket with one screw.

HDD

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

Serial ATA Cable

Serial ATA Power Cable

E. Complete

1. Replace the back cover, stand and refasten seven screws.

Back Cover   Screw   Stand / Handle

2. Replace the cover, complete.

Note: The product's color and specification will depend upon the actually shipping product.