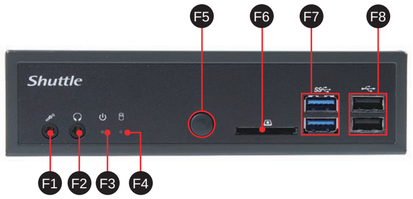
62RQDH1100-5201 DH110SE
English.Spanish.Korean.
Traditional Chinese.Japanese.
French. German Quick Guide

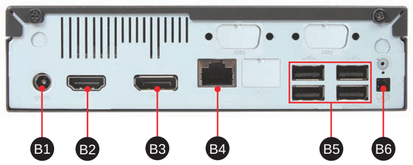
DH110SE Series Quick Guide【English】

Front Panel



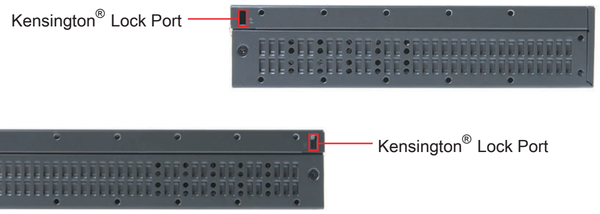
F1. MIC-in
F2. Headphone
F3. Power LED
F4. HDD LED
F5. Power Button
F6. SD Card Reader
F7. USB 3.0 Port
F8. USB 2.0 Port

Back Panel

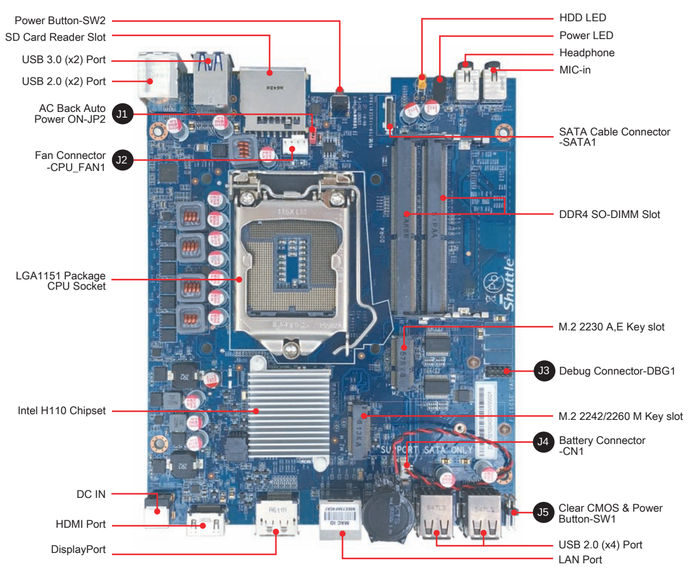


B1. Power Jack (DC IN)
B2. HDMI Port
B3. DisplayPort
B4. LAN Port
B5. USB 2.0 Port
B6. Clear CMOS & Power Button

Left / Right Panel



Motherboard Illustration

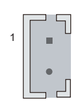


Jumper Settings

J1 AC Back Auto Power ON (JP2)

Default：Short 1-2 =>Function Disable

1=AMP(+)
2=GND



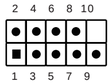
J2 Fan Connector (CPU_FAN1)

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



J3 Debug Connector (DBG1)

1=LCLK_24M	6=+3.3V
2=LAD1	7=LAD3
3=LRESET-	8=GND
4=LAD0	9=LAD2
5=LFRAME-	10=NULL



J4 Battery Connector (CN1)

1=BATPWR(+3V)
2=GND

J5 Clear CMOS & Power Button (SW1)

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



➢ Safety Information

Read the following precautions before setting up a Shuttle XPC.

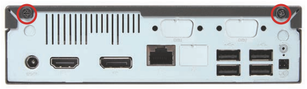
CAUTION

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.

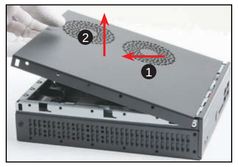
A. Begin Installation

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

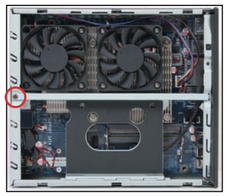
1. Unscrew the two screws of the chassis cover.



2. Slide the cover backwards and upwards.



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

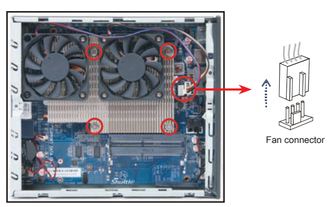




HDD Rack

B. CPU and ICE Module Installation

1. Unfasten the four ICE module attachment screws and unplug the fan connector.

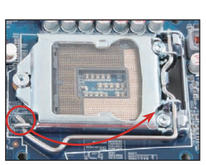


2. Remove the ICE module from the chassis and put it aside.

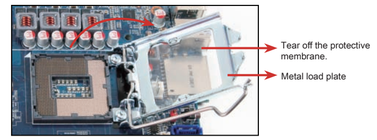
⚠ Please note the pins of the LGA 1151 socket bend easily. Always apply extreme care and little force when installing a CPU and limit the number of times you remove or exchange it. Before installation, make sure to turn off the computer and unplug the power cord from the mains to avoid damage.

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

3. First unlock and raise the socket lever.

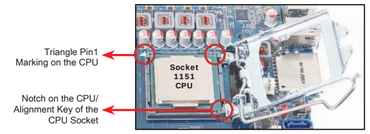


4. Tear off the protective membrane from the metal load plate. Lift the metal load plate from the CPU socket.



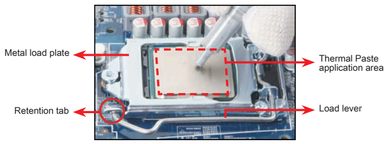
⚠ DO NOT touch socket contacts. To protect the CPU socket, always replace the protective socket cover when the CPU is not installed.

5. Please orientate the CPU correctly and align the CPU notches with the socket alignment keys. Make sure the CPU sits perfectly horizontal, then push it gently into the socket.



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

6. Close the metal load plate, lower the CPU socket lever and lock in place.
7. Spread thermal paste evenly on the CPU surface.

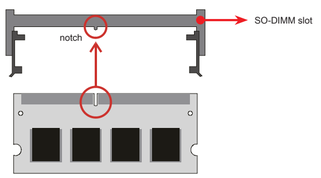


⚠ Please do not apply excess amount of thermal paste.

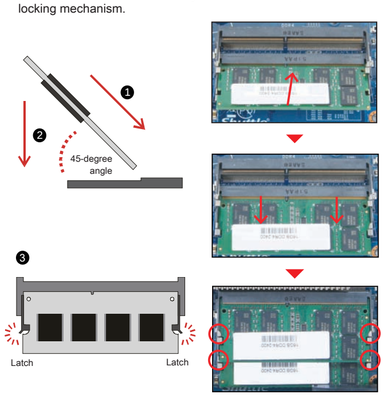
C. Memory Module Installation

⚠ This mainboard does only support 1.2V DDR4 SO-DIMM memory modules.

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



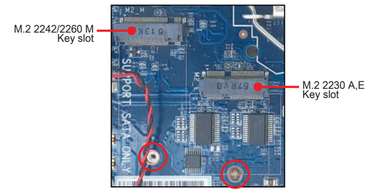
3. Gently insert the module into the slot in a 45-degree angle.
4. Carefully push down the memory module until it snaps into the locking mechanism.



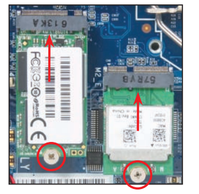
5. Repeat the above steps to install additional memory modules, if required.

D. Component Installation

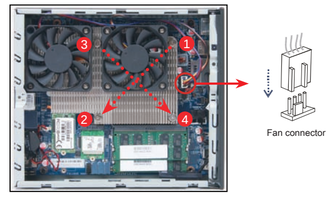
1. As shown, unfasten the screw first.



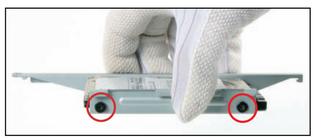
2. Install the M.2 device into the M.2 slot and secure with the screw.



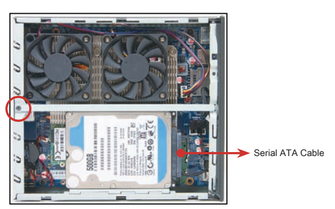
3. Screw the ICE module to the mainboard. Note to press down on the opposite diagonal corner while tightening each screw.
4. Connect the fan connector.



5. Place a HDD or SSD in the rack and secure with the four screws from the side.

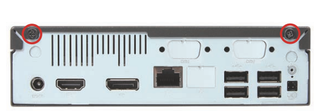


6. Connect the Serial ATA to the HDD or SSD.
Slide the rack into the chassis and refasten the screws.



E. Complete

1. Replace the cover and refasten the screws.



2 . Complete.

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

§ The product's colour and specifications may vary from the actually shipping product.

53R-DH1103-H301