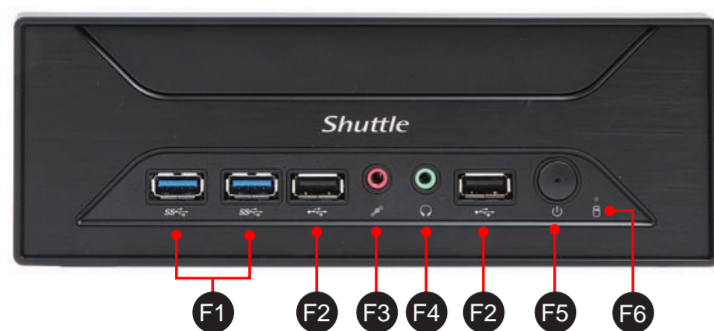


XH110G Quick Guide 【English】

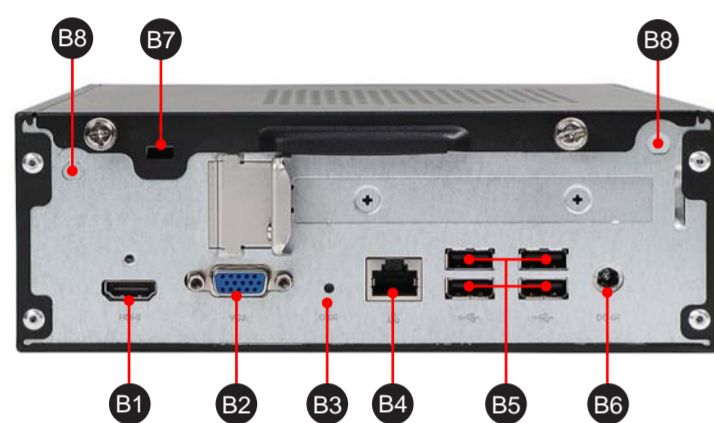
62RQXH1100-5201 XH110G
English, Spanish, Russian,
Traditional Chinese, Japanese,
French, German Quick Guide

Front Panel



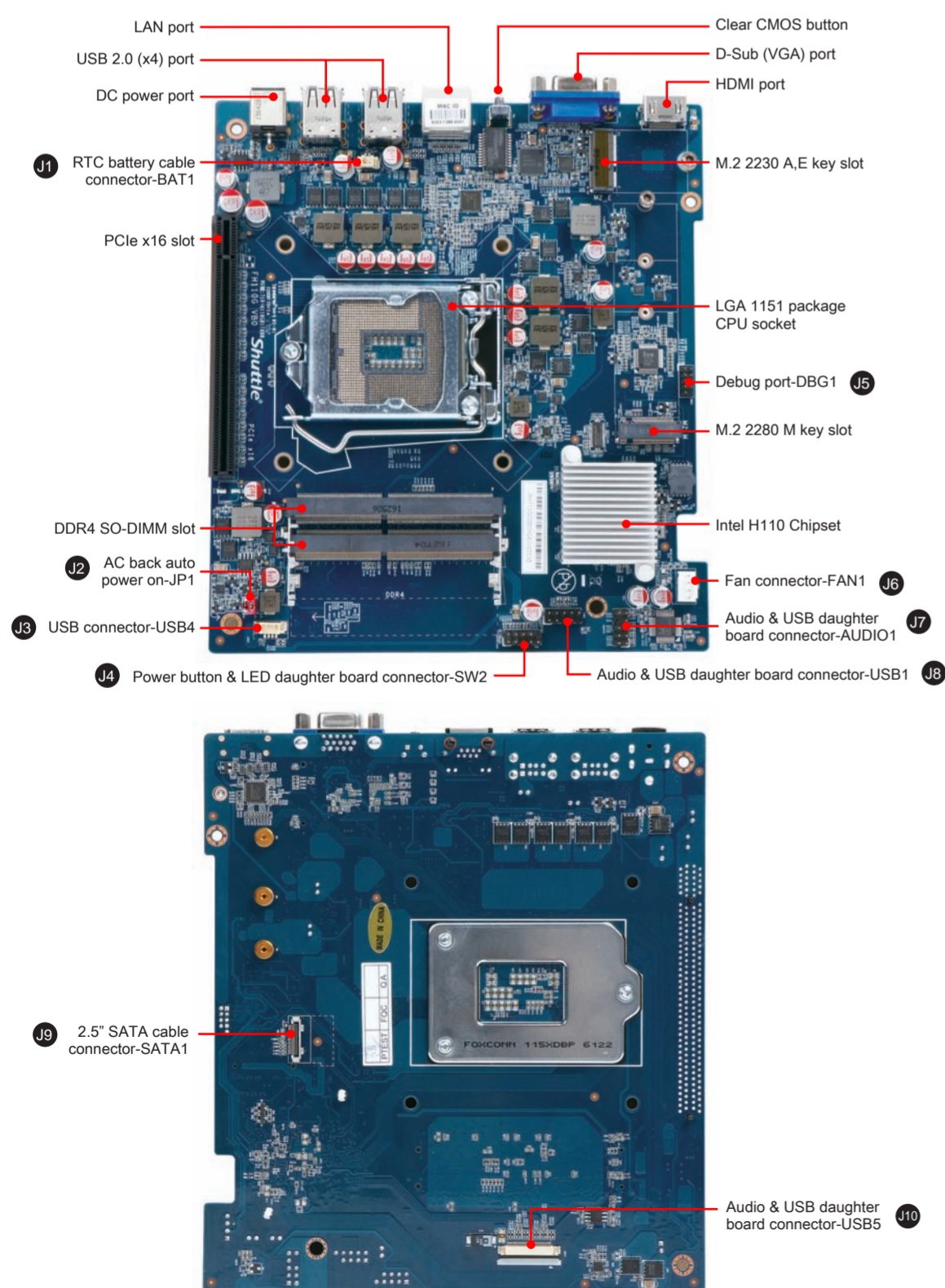
- F1. USB 3.0 port
- F2. USB 2.0 port
- F3. Mic-in
- F4. Headphones
- F5. Power switch / Power LED
- F6. HDD LED

Back Panel



- B1. HDMI port
- B2. D-Sub (VGA) port
- B3. Clear CMOS
- B4. LAN port
- B5. USB 2.0 port
- B6. DC power port
- B7. Kensington® lock hole
- B8. Wireless LAN perforation (optional)

Motherboard Illustration



Jumper Settings

- J1** RTC battery cable connector
1=BATPWR
2=GND
- J2** AC back auto power on
1=OP(+)
2=GND
- J3** USB connector
1=GND
2=USB2_D+
3=USB2_D-
4=+5VS
- J4** Power button & LED daughter board connector
1=SATA_LED_+3.3V
2=SYS_LED_+3.3V
3=SATA_LED
4=GND
5=RST_nBTN
6=PWRSW-
7=GND
8=GND
9=NC
10=N/A
- J5** Debug port
1=CLK_DBG_24M
2=LAD1
3=SIORST-
4=LAD0
5=LFRAME-
6=+3.3V
7=LAD3
8=GND
9=LAD2
10=N/A
- J6** Fan connector
1=GND
2=+12V
3=FAN_TAC
4=FAN_CTL
- J7** Audio & USB daughter board connector
1=MIC_L
2=GND
3=MIC_R
4=FP_AUDIO-JD
5=HP_R
6=MIC-JD
7=SENSE_B
8=N/A
9=HP_L
10=HP-JD
- J8** Audio & USB daughter board connector
1=+5VS
2=+5VS
3=USB2_D-
4=USB2_D-
5=USB2_D+
6=USB2_D+
7=GND
8=GND
9=N/A
10=GND
- J9** 2.5" SATA cable connector
1=N/C
2=N/C
3=N/C
4=N/C
5=GND
6=GND
7=GND
8=+5V
9=+5V
10=+5V
11=+5V
12=GND
13=GND
14=GND
15=SATA_TX+
16=SATA_TX-
17=GND
18=SATA_RX-
19=SATA_RX+
20=GND
- J10** Audio & USB daughter board connector
1=GND
2=GND
3=USB2_D+
4=USB2_D-
5=GND
6=GND
7=USB3_TX+
8=USB3_TX-
9=GND
10=GND
11=USB3_RX+
12=USB3_RX-
13=+5VS
14=+5VS
15=+5VS
16=+5VS
17=USB2_D+
18=USB2_D-
19=GND
20=GND
21=USB3_TX+
22=USB3_TX-
23=GND
24=GND
25=USB3_RX+
26=USB3_RX-
27=GND
28=GND
29=GND
30=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.

A. Begin Installation

- ⚠ For safety reasons, please ensure that the power cord is disconnected before opening the case.
- Unscrew the two thumbscrews of the chassis cover.
 - Slide the cover backwards and upwards.

B. CPU/M.2 Card and ICE Module Installation

- Unfasten the four ICE module attachment screws.
- Remove the ICE module from the chassis and put it aside.
- First unlock and raise the socket lever.
- Tear off the protective membrane from the metal load plate. Lift the metal load plate off the CPU socket.
- Orientate the CPU and socket, please align the CPU notches with the socket alignment keys. Make sure the CPU sits perfectly horizontal, then insert the CPU into the socket.
- Close the metal load plate, lower the CPU socket lever and lock in place.
- Spread thermal paste evenly on the CPU surface.
- As shown in Illustration.

- ⚠ DO NOT touch socket contacts. To protect the CPU socket, always replace the protective socket cover when the CPU is not installed.
- ⚠ 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!
- ⚠ Please do not apply excess amount of thermal paste.

C. Memory Module Installation

- ⚠ This motherboard does only support 1.2 V DDR4 SO-DIMM memory modules.
- Locate the SO-DIMM slot on the mainboard.
 - Align the notch of the memory module with the one of the memory slot.
 - Gently insert the module into the slot in a 45-degree angle.
 - Carefully push down the memory module until it snaps into the locking mechanism.
 - Repeat the above steps to install additional memory modules, if required.

D. Installation of Expansion Card

- Unfasten the expansion slot bracket screws. Remove the back panel bracket and put it aside.
- Install the PCIe x16 card into the PCIe x16 slot.
- Secure the bracket.

E. HDD/SSD and USB Installation

- Turn your XH110G upside down, then unscrew one screw of the HDD/SSD cover and remove it.
 - Mount the HDD/SSD into the bracket with four screws.
 - Tear off the adhesive tape of the HDD cable. Install the HDD or SSD in the chassis using its bracket. Affix with three screws and connect the HDD or SSD with an HDD cable. Insert the USB drive, if required.
 - Replace the HDD/SSD cover and turn your XH110G upside down.
 - Replace the cover and refasten the thumbscrews.
 - Complete.
- ⚠ The maximum permitted size for an internal USB device is 11.5 mm x 28 mm x 88 mm.
- ⚠ Please press the "Del" key while booting to enter BIOS. Here, please load the optimized BIOS settings.

F. Installation of VESA Mount

- ⚠ Supports 75x75 mm and 100x100 mm VESA standard.
- Install the VESA mount on the back of the monitor.
 - Install the VESA mount on the back of the XH110G.
 - Secure the bracket.