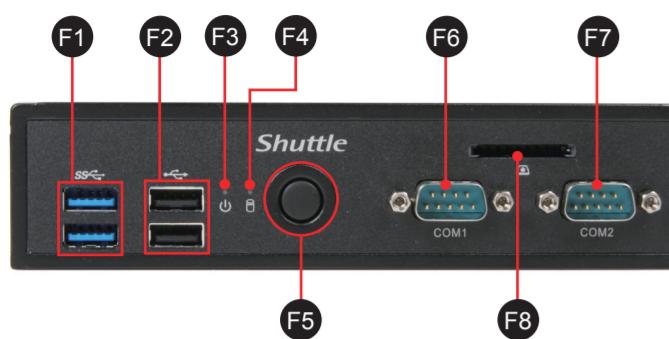
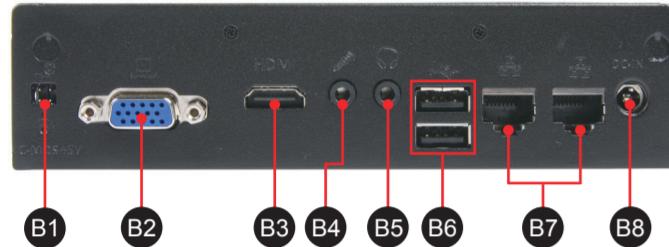


Front Panel



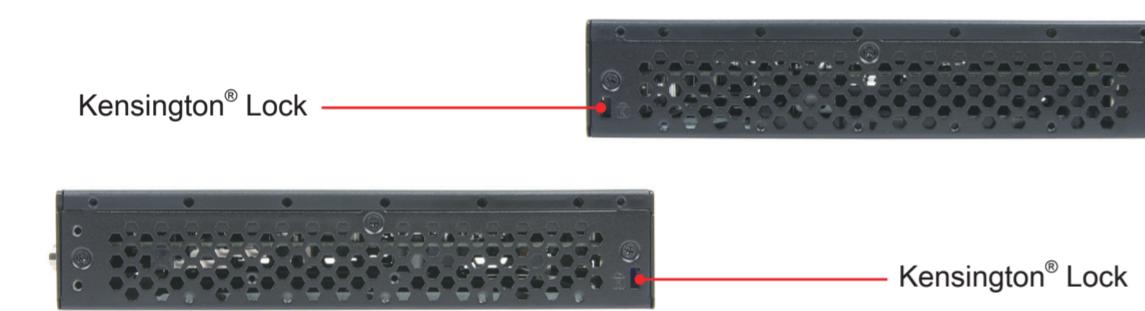
- F1. USB 3.0 Ports x2
- F2. USB 2.0 Ports x2
- F3. Power LED
- F4. HDD LED
- F5. Power Button
- F6. COM 1 : Support RS232/RS422/RS485
- F7. COM 2 : Support RS232
- F8. SD Card Reader

Back Panel

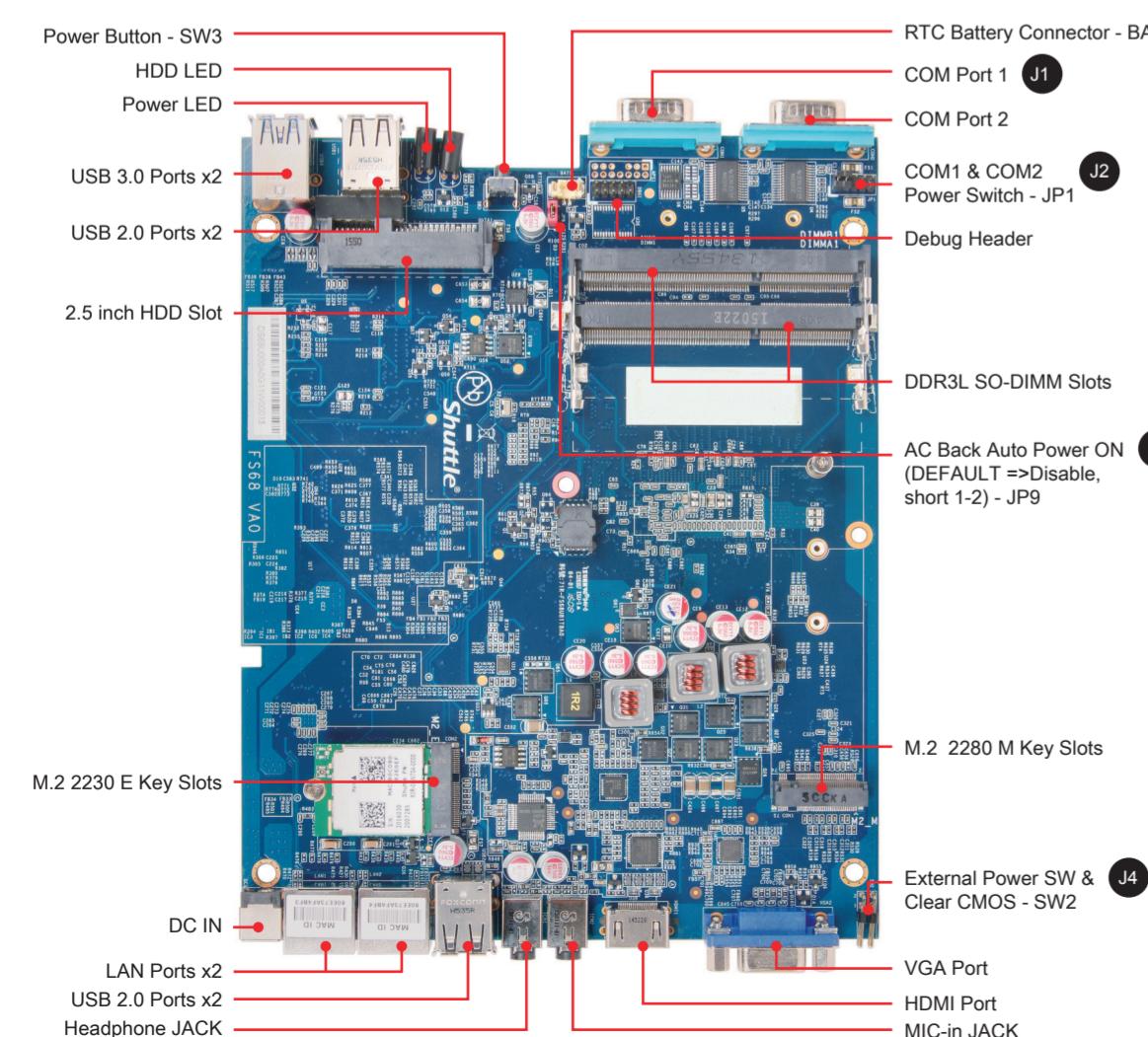


- B1. External Power & Clear CMOS (Pin definition J4)
- B2. VGA Port
- B3. HDMI Port
- B4. MIC-in Jack
- B5. Headphone Jack
- B6. USB 2.0 Ports x2
- B7. LAN Ports x2
- B8. DC IN

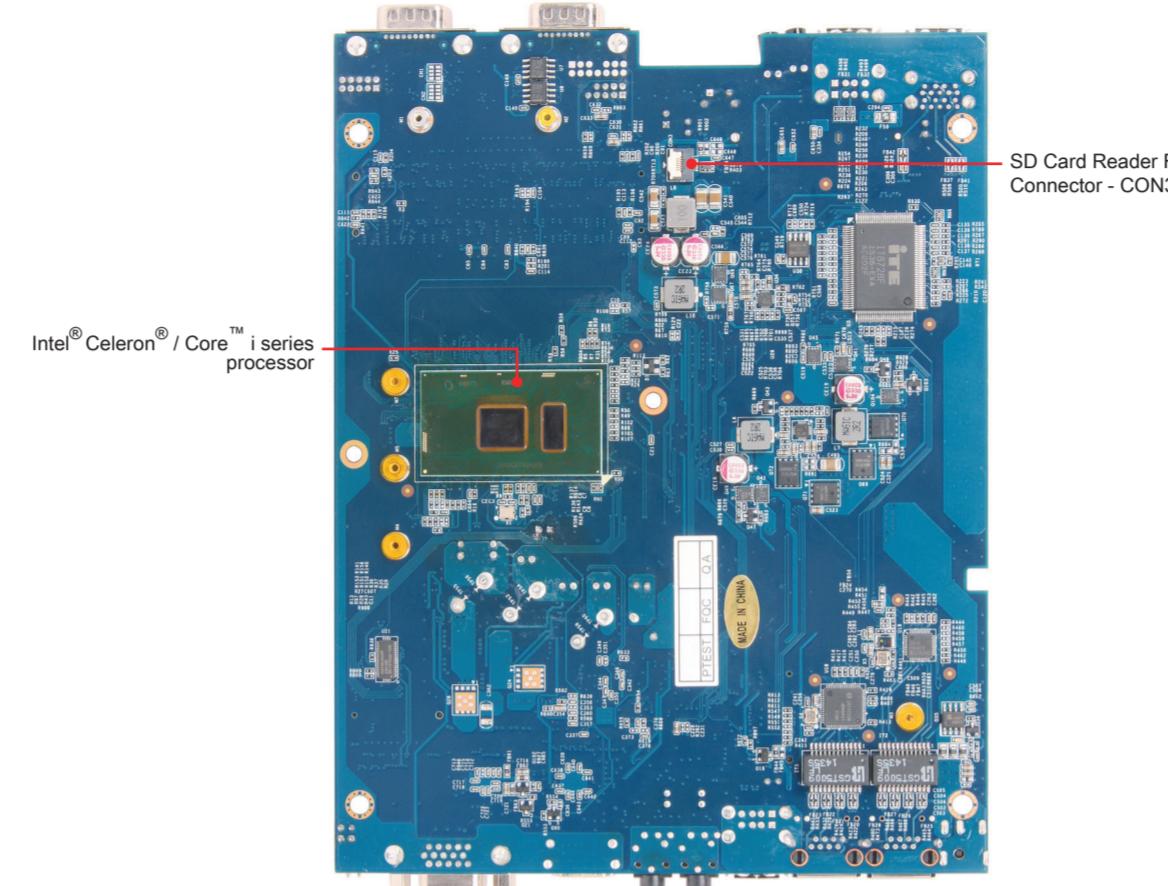
Left / Right Panel



Motherboard Illustration Front

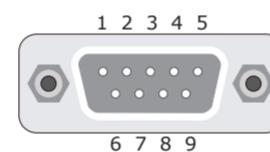


Motherboard Illustration Back



J1 COM Port 1

RS-232, RS-422, RS-485 switch by BIOS setting



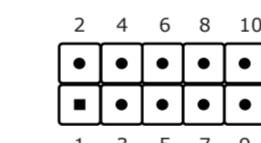
COM1 (RS422)			
Pin	Signal Name	Pin	Signal Name
1	TXD-	2	TXD+
3	RXD-	4	RXD+
5	GND	6	---
7	---	8	---
9	---		

COM1 (RS232)			
Pin	Signal Name	Pin	Signal Name
1	DCD	2	RX
3	TX	4	DTR
5	GND	6	DSR
7	RTS	8	CTS
9	RI-		

COM1 (RS485)			
Pin	Signal Name	Pin	Signal Name
1	Data-	2	Data+
3	---	4	---
5	GND	6	---
7	---	8	---
9	---		

J2 COM1 & COM2 Power Switch

JP1	
COM1 (pin9)	COM2 (pin9)
Short Pin	Function
1-2 (Default)	R11
5-7	+5V
7-9	+12V
Short Pin	Function
3-4 (Default)	R12
6-8	+5V
8-10	+12V



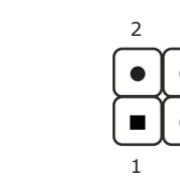
J3 AC Back Auto Power ON

JP9	
Pin	AC Back auto Power ON function
Short 1-2	Disable (Default)
Open	Enable



J4 External Power SW & Clear CMOS

SW2	
Pin	Signal Name
1	PWRSW-
2	+5V
3	GND
4	RTC_RST#



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.

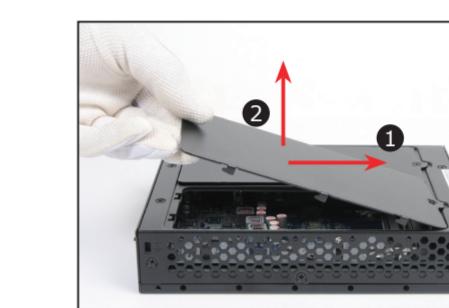
A. Begin Installation

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

- Unscrew two screws of the chassis cover.



- Slide the cover forwards and upwards.



- Place the HDD or SSD in the rack and secure with the two screws from the side.



- Lay the HDD or SSD into its drive bay and push it gently to the right until it clicks into place.



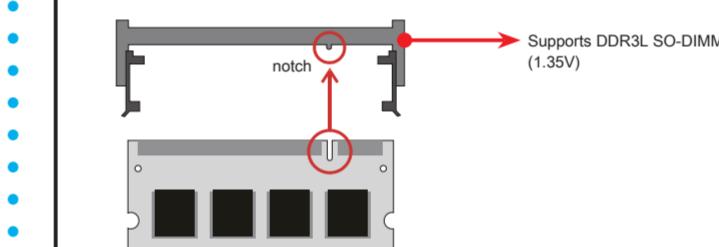
- Refasten screws.



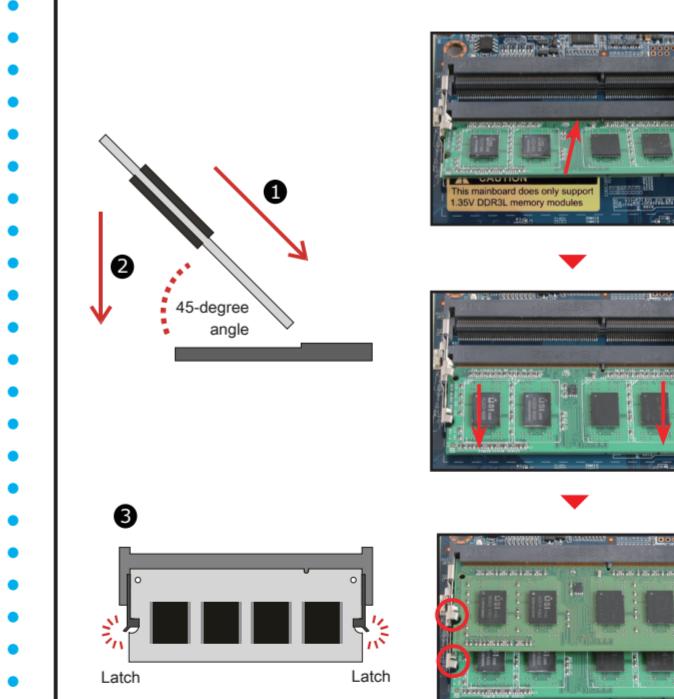
B. Memory Module Installation

This mainboard does only support 1.35V DDR3L memory modules.

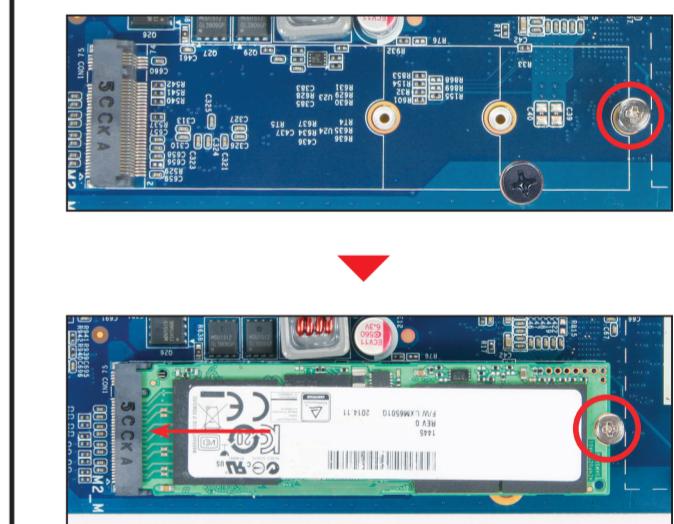
- Locate the SO-DIMM slot on the mainboard.
- Align the notch of the memory module with the one of the memory slot.



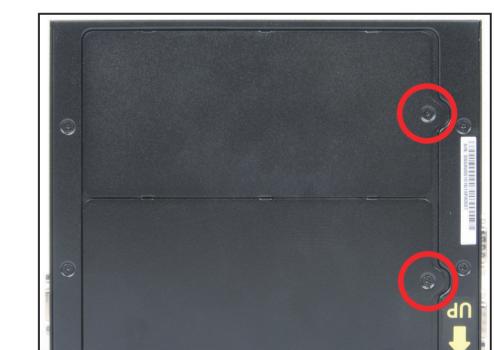
- Gently insert the module into the slot in a 45-degree angle.
- Carefully push down the memory module until it snaps into the locking mechanism.



- As shown, unfasten the screw first.
- Install the M.2 device into the M.2 slot and secure with the screw.



- Replace the covers and refasten the screws.



C. Component Installation

- Unscrew the rack from chassis.



- Complete.

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

Operation Position:
Please make sure to use either the supplied feet or the VESA mount.