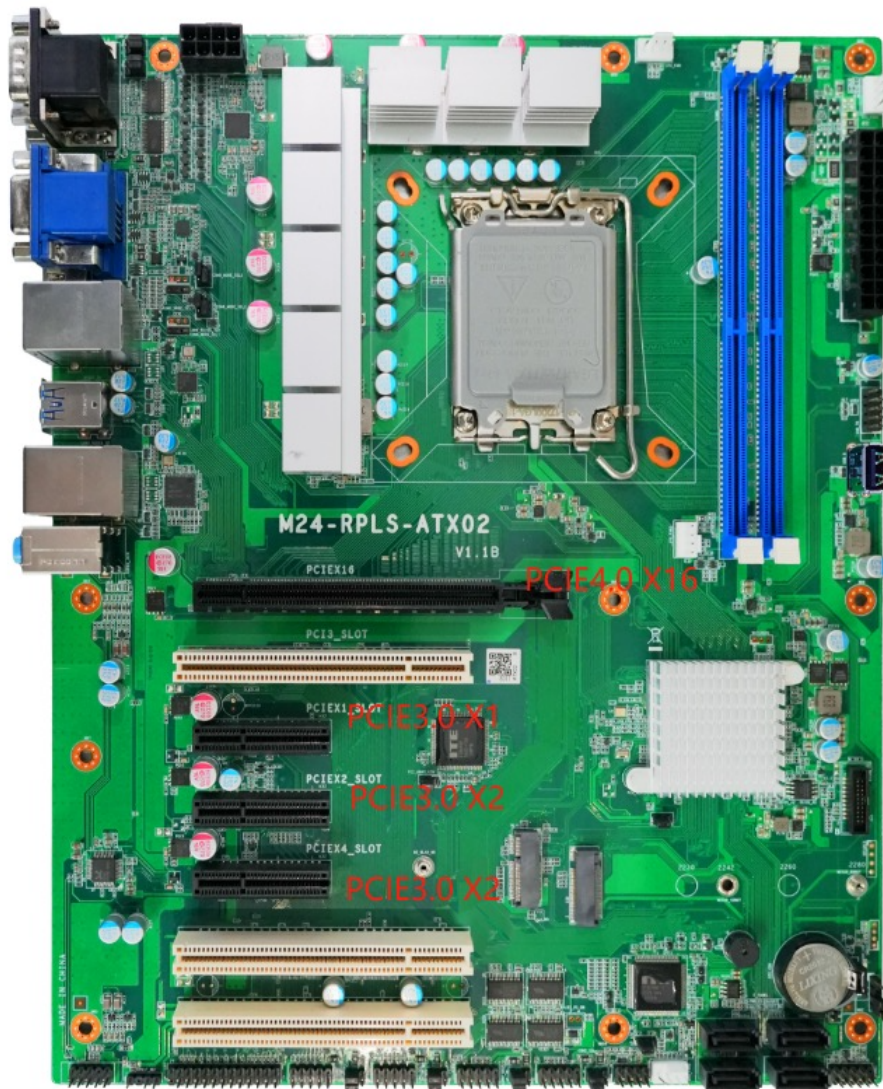
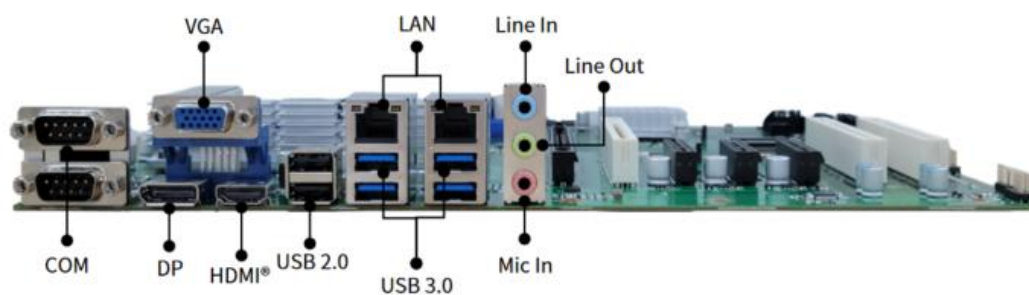
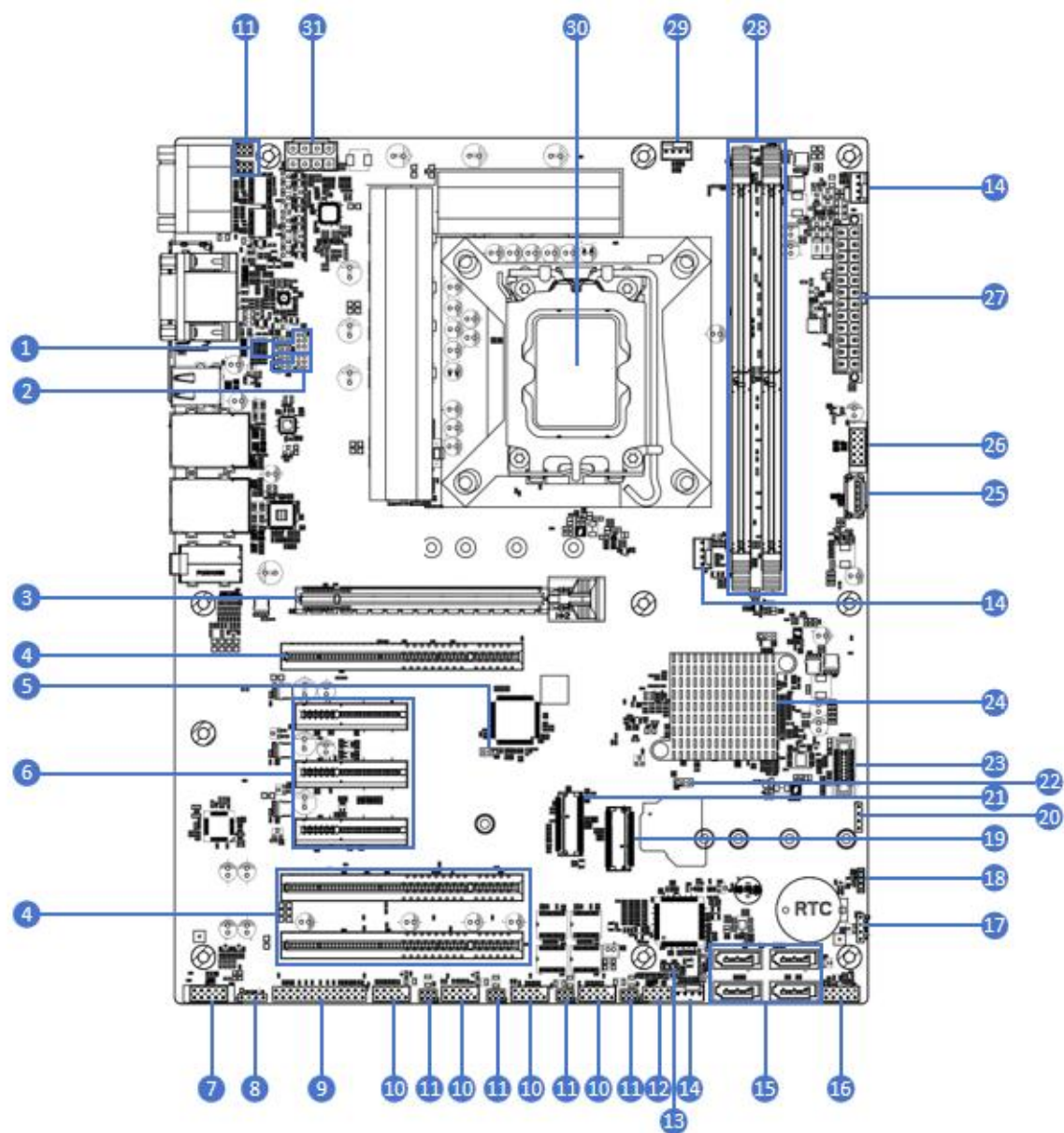


HE-H610D-RC Brochure





Specification

Model	HE-H610D-RC
CPU	Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 & Pentium®/Celeron® Processor, TDP 65W
Chipset	Intel® H610, TDP 6W
Display ^[1]	1 * DP: with resolution of 4K@60Hz 1 * HDMI : with resolution of 4K@30Hz 1 * VGA : with resolution of 1920 x 1200 @60Hz
Memory ^[2]	2 x DDR4 3200MHz UDIMM Memory, Dual Channel, Max.64GB
Storage ^[3]	4* SATA 1 is Co-lay with M.2 SATA Mode) 1x M.2 M-Key 2242/2280 Slot, Support PCIe 3.0 X4 (NVMe)
Ethernet ^[5]	RJ45_USB1 (RJ45): 1 * Intel I219-V GbE LAN Chip (10/100/1000Mbps) RJ45_USB2 (RJ45): 1 * Intel I210-V GbE LAN Chip (10/100/1000Mbps)
Audio	Realtek ALC897, 1 * Mic in 1 * Line in 1 * Line out
Expansion Slots	1 * PCIe 4.0 X16 Slot 2 * PCIe 3.0 X4 Slot(X2 Signal) 1 * PCIe 3.0 X4 Slot(X4 Signal)BOM Optional 1 * PCIe X4 Slot(Pcie X1 Singal) Default Dual X2 signal 3 * PCI
COM	2 * RS232/422/485 4 * RS232
USB	4 * USB3.0 (TYPE-A, Rear IO) 2 * USB2.0 (TYPE-A, Rear IO) 2 * USB2.0 (Vertical TYEP-A, Internal) ^[6]
Other Ports ^[7]	1 * PS/2 Connector (Keyboard & Mouse) 1 * System Panel Header 1 * LPT/GPIO Header 1 * SMBUS Header 1 * System FAN Header 1 * CPU FAN Header 1 * Front Panel Audio Header 1 * Chassis Intrusion Header 1 * AT or ATX Mode Jumper 1 * Power On wafer
TPM	1 * 2*10(20-1)Pin Header
System	Win 10/Win 11/Linux (ubuntu)

Temperature	Storage: -20~75°C Operating: 0~60°C
BIOS	Insyde (Support Watchdog Timer)
Power Supply	AT mode/ ATX mode
Factor	304.8mm * 220mm

Notes:

[1]: Intel® H610 supports three independent displays.

[2]: The maximum memory frequency depends on CPU. Intel® R680E supports ECC.

[3]: SATA signal of M.2_PCIESSD_M1 colay with SATA. (BOM selectable)

[4]: PCIE 2X signal of M.2_PCIESSD_M1 colay with PCIE_4X_SLOT3. (BOM selectable)

[5]: RJ45_USB1 (RJ45) I219-V does not support Intel AMT 12.0 and Intel vPro competent by default.

[6]: 2 via (10-1)Pin Header, 1 via Connector for security dongle.

[7]: Intel® Kiosk Peripheral Management Utility (Intel® KPM Utility) function selection support, not on board by default.