

HE-Q670D-RC Brochure



Specification

Model	HE-Q670D-RC
CPU	Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor, TDP 125W
Chipset	Intel® Q670, TDP 6W
Display	1 * DP: max resolution up to 4k@60Hz 1 * HDMI : max resolution up to 4k@30Hz 1 * VGA : max resolution up to 1920x1200@60Hz
Memory	4x DDR4 3200MT/s UDIMM Memory, Dual Channel,Max.128GB
Storage	M.2_1: 1x M.2 M-Key2242/2280 Slot,Support PCIe 4.0 X4 Mode M.2_2: 1x M.2 M-Key2242/2280 Slot,Support PCIe 4.0 X4(NVMe) & SATA 3.0 Mode 4 * SATA
Ethernet	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	2* PCIe 4.0 X16 Slots (Support X 8 mode) 2* PCIe 4.0 X4 Slots 1*PCIe 3.0 X4 Slot 2* PCI Slot
COM	2 * RS232/ RS422/ RS485 2 * RS232 (Header) 2 * RS232/ RS422/ RS485 (Header)
USB	4 * USB3.2 (TYPE-A, Rear IO) 2 * USB2.0 (TYPE-A, Rear IO) 2 * USB3.2 (via (20-1) BOX header, Internal) 2 * USB2.0 (via (10-1) Pin Header, Internal)
Other Ports	8 * GPIO 1 * PS/2 Connector (Keyboard & Mouse) 1 * Front Panel Header (HDD LED+PWR LED+PWR ON+RESET) 1 * ESPI Header (Debug Only) 1 * SMBUS Header 3 * System FAN Header 1 * CPU FAN Header 1 * CMOS Clear Jumper 1 * AT or ATX Select Jumper 1 * ME Flash Header 1 * Power Monitor wafer
TPM	SLB 9670VQ2.0, TPM2.0 (not onboard by default), Support Intel PTT Default
System	Windows 10 IoT Enterprise 2021 LTSC, Windows 10 (21H2), Windows 11 (21H2) or later, Linux Kernel 5.17 or later

Temperature	Storage: -40~85°C Operating: 0~60°C
BIOS	Insyde
Power Supply	Standard ATX PSU
Factor	304.8mm * 244 mm

Notes:
NA