

## BIQ67-AHP 工業電腦



- Support 12th/13th/14th Gen Intel Core i9/i7/i5/i3 processor with Intel Q670 chipset, TDP: 125W
- Support quad display : VGA/2xHDMI® /DP++
- 4 x DDR4 3200 MHz U-DIMM, up to 128G
- Support M.2 Hailo-8™ AI Accelerator, up to 26 TOPS (option)
- 1 x Intel i226-V 2.5G LAN, 1 x Intel i226-LM 2.5G LAN
- 4 x USB2.0 , 6 x USB3.2 Gen2, 2 x USB3.2 Gen1
- 4 x RS232, 2 x RS232/422/485
- 8 x SATA3
- 1 x M.2 M key 2242/2280 support PCIe4.0 x4 for NVMe storage
- 1 x M.2 B key 3042/3052 support PCIe3.0 x1 + USB3.2 w/ SIM slot for 4G/5G module
- 1 x M.2 E key 2230 support PCIe3.0 x1 + USB2.0 for WIFI/BT module
- 2 x PCIe4.0x16 slot
- 3 x PCIe4.0x4 slot
- 2 x PCI slot

### Specification

CPU SUPPORT	LGA1700, support 12th/ 13th /14th Gen Intel® Core Processor
CHIPSET	Intel Q670
MEMORY	4 x 288-pin DDR4-3200Mhz U-DIMM, up to 128GB
EXPANSION SLOT	1 x M.2 B key 3042/3052 support PCIe3.0 x1 + USB3.2 w/ SIM slot for 4G/5G module 1 x M.2 M Key 2242/2280 support PCIe4.0 x4 for NVMe storage 1 x M.2 E Key 2230 support PCIe3.0 x1 + USB2.0, support WIFI/BT module 2 x PCIe4.0 x16 slot (x16 +NA or x8 + x8) 3 x PCIe4.0 x4 slot (PEX4_3 share IO w/ SATA1~4) 2 x PCI slot
GRAPHICS	Intel® Integrated Graphics, support quad display - 2 x HDMI® connectors (4096x2160@60Hz) - 1 x DP++1.4 connector (4096x2160 @60Hz) - 1 x VGA connector (1920x1200 @60Hz)
AUDIO	Audio Codec: ALC897 + ALC105, support 4 ohm 2W amplifier
LAN	Dual 2.5GbE 1 x Intel i226-V 1 x Intel i226-LM, support Intel® vPro
SUPER I/O CHIP	FINTEK F81966

REAR I/O	<p>2 x HDMI® connector  1 x DP connector  1 x VGA connector  6 x USB3.2 Gen2 Type A connector  2 x RJ45 connector, support 2.5G  2 x COM port, support RS232/422/485  3 x audio port, support MIC-in, LINE-in, LINE-out</p>
INTERNAL I/O	<p>Expansion slots:  - 1 x M.2 M key  - 1 x M.2 B key w/SIM slot  - 1 x M.2 E key  - 2 x PCIe4.0 x16 slot (x16 + Non or x8 + x8)  - 3 x PCIe4.0 x4 slot (PEX4_3 share IO w/ SATA1~4)  - 2 x PCI slot</p> <p>SATA:  - 8 x SATA3 7pin connector (SATA1~4 share IO w/ PEX4_3)</p> <p>Audio:  - 1 x 2*5 pin header for MIC-in, LINE-out  - 1 x 1*4 pin box header for 4 ohm 2W amplifier speaker</p> <p>USB:  - 2 x 2*5 pin header, support 4 x USB2.0  - 1 x 2*5 pin header, support 2 x USB2.0 + 1 x USB2.0 Type A onboard(opt)  - 1 x 2*10 pin box header, support 2 x USB3.2 Gen1</p> <p>Power:  - 1 x 2*4 pin CPU power connector  - 1 x 2*12 pin ATX power connector</p> <p>Serial Port:  - 4 x 2*5 pin RS232 box header  - 4 x 2*3 pin COM power select header (RI/5V/12V, default is RI)</p> <p>Others:  - 1 x buzzer  - 1 x 2*13 pin printer/ 16-bit DIO box header (function select by BIOS)  - 1 x 2*2 pin header for printer/ DIO function select( PU-open drain/ PD-low, default is PU-open drain, printer must set to PU-open drain)  - 1 x 1*3 pin DIO power select header(3.3V/5V, default is 3.3V)  - 1 x 1*4 pin CPU Fan header  - 1 x 1*4 pin System Fan header  - 2 x 1*3 pin System Fan header  - 1 x 1*3 pin clear CMOS  - 1 x 2*5 pin front panel header  - 1 x 1*5 pin SMBUS box header  - 1 x 1*3 pin AT/ATX mode select header (default is ATX)  - TPM2.0 onboard</p>
DIMENSION	ATX 305 x 244 x1.6mm ( W x L )
ENVIRONMENT	0°C ~ 60°C Humidity : 5% ~ 90%
OS SUPPORT	<p>Support Windows 10 IoT Enterprise 21H2  Windows 11 IoT Enterprise 24H2  Windows 10/11 21H2 or later version  Support Ubuntu 22.04</p>

\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!