

WBP-67Q8

Fanless BOX-PC support Intel 12~14th Gen i7 / i5 / i3 processor

Features

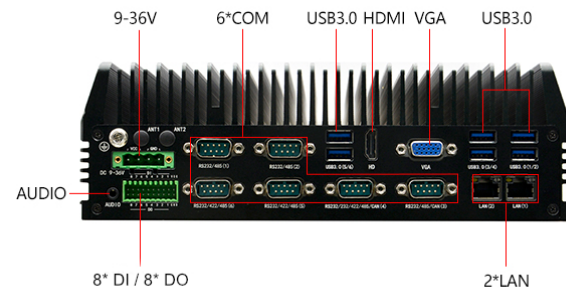
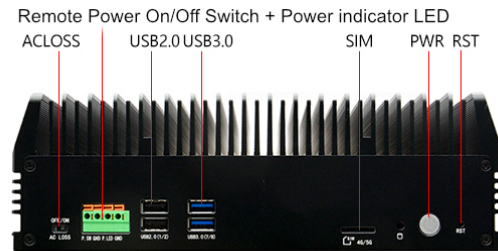
- Support Intel® LGA1700 / 12th / 13th / 14th series, Under TDP 65W processors
- 2* DDR5 5600 MT/s non-ECC SO-DIMM slots up to 64GB
- 2* Intel i210AT GbE LAN with RJ-45
- 1* HDMI and VGA
- 3* RS-232/485, 3*RS-232/422/485
- 8* USB 3.0, 2* USB 2.0, 1* USB 2.0 (Internal)
- 8* DI , 8*DO with Isolation
- 9~36V DC Input
- Fanless cooling design



Support 12~14th Gen LGA1700 Processors

3* RS-232/422/485
3* RS-232/485

2* M.2 M-KEY Slots



Specifications

Material Chassis	Radiator/Box: Aluminum alloy, Top/Bottom Cover: SGCC
Dimensions	243(L)*208(W)*79(H)mm
Power Connector	1*4P (P=5.08mm) Phoenix terminal, supports 9~36V wide voltage input, maximum load 220W
Power Input	DC 9-36V Wide voltage
Processors	Intel® 12/13/14th Generation Core i9/i7/i5/i3/ Pentium/ Celeron LGA1700 Desktop CPU ; Only supports CPUs under 65W
Chipset	Intel Q670 Express
Memory	2x SO-DIMMs DDR5 non-ECC 5600 MT/s Up to 64GB
Storage	1x SATA 3.0 Drive Bay 1x mSATA 1x M.2 M-Key 2280, PCIE x4 NVMe/SATA , Auto detect 1x M.2 M-Key 2280, PCIE x4 Only support NVMe
BIOS	AMI UEFI
Display	2 independent displays VGA up to 1920 x 1200 @60Hz ; HDMI 1.4 up to 4096 x 2160 @60Hz
Ethernet Controller	2x Intel® i210AT GbE Ethernet Controller with RJ45
Serial	COM1~3 RS-232/485 (Select by DIP switch) COM4~6 RS-232/422/485 (Select by DIP switch)
USB	8x USB3.0 Type-A ; 2x USB2.0 Type-A 1x USB 2.0 Header
AUDIO	1*Audio ; Line out and Mic combined
Other	1x Nano SIM Slots 1x ACLOSS (Power-on DIP switch)
GPIO	8*DI, 8*DO With Isolation (Located on the 2*10P Phoenix terminal)
Expansion	1*Mini-PCle, supports WiFi or 4G Module (4G shares the same signal with built-in USB2.0, 4G is not supported by default) 1*M.2, Support Key-E, 2230, WiFi Module 1*M.2, Support Key-B, 3042/3052, 5G Module
Watchdog Timer	256-level Watchdog Timer
Environment	Operating Temperature:-10°C ~50°C Storage Temperature:-20~70°C Operating Humidity:5%~95%,non-condensing
OS	Windows 10 IoT Enterprise 2021 LTSC (64-bit) ; Windows 11 IoT Enterprise 24H2 LTSC (64-bit) ; Linux (Support by request)

Ordering Information

Model name	Description
WBP-67Q8	Fanless BOX-PC with Intel Q670 PCH support 12~14th Gen LGA1700 CPU, 6*COMs ports, 2*GbE, 2*M.2 M-KEY, 16Bit Isolation GPIO, without AC-DC Adapter

Optional Accessories

Item	Description
	If you need to buy Processors, HDD/SSD, AC-DC adapter, Power supply, System memory and other accessories, please contact us.

Embedded PC

Panel PC

Touch Monitor

Motherboard

Chassis