

WBP-67Q7 series

High-Performance Intel 12/13/14th Gen Core Processors
Industrial Embedded System / Fanless Industrial
Embedded System

Features

- Intel® 12/13/14th Gen Core i9/i7/i5/i3/Pentium/ Celeron Desktop CPU, Support 35W and 65W, LGA1700
- Intel Q670 Express
- 3x GbE & 1x 2.5GbE LAN ports
- 1x M.2 M-KEY and 1x M.2 B-KEY
- 3 Display outputs HDMI, VGA, DVI-D
- 16-bit GPIO
- 2x RS-232/422/485; 3x RS-485



WBP-67Q7 SKU



WBP-67Q7-01 SKU



Support 65W /35W
TDP Desktop CPU



Operating
Temperature
-10~60°C



1x 2.5GbE
3x 1GbE



RS-485

5x RS-485



High-Performance

Specifications

Material Chassis	Radiator: Aluminum alloy, Box: SGCC
Colour	Beige
Dimensions	210mm(L) * 230mm(W) * 75mm(H)
Power Adapter	19V 7.9A 150W or 350W power switch DC 12V output
Power Input	9~36VDC;
Processors	Intel® 12/13/14th Generation Core i9/i7/i5/i3/ Pentium/ Celeron LGA1700 Desktop CPU ; 35W TDP for WBP-67Q7 SKU Intel® 12/13/14th Generation Core i9/i7/i5/i3/ Pentium/ Celeron LGA1700 Desktop CPU ; 65W TDP for WBP-67Q7-01 SKU
Chipset	Intel Q670 Express
Memory	2x Non-ECC SO-DIMM Slot, Dual Channel DDR4 up to 3200MHz ; 64GB, Single Max. 32GB
Storage	1x mSATA 1x M.2 M-KEY SATA/NVMeX4 2280 1x SATA3.0 2.5-inch hard drive bay (T ≤ 7mm) Optional
BIOS	AMI 256 Mbit SPI
Display	Intel® UHD Graphics 1x HDMI ; 1xVGA ; 1x DVI-D
Ethernet Controller	1x Intel i219-LM LAN port 2x Intel 210AT LAN port 1x Intel i226V 2.5G LAN port
Serial	2x RS232/485/422 (COM1/2, DB9/M, Full Lanes, BIOS Switch) 3x 485 (COM3~5, DB9/M.)
USB	2x USB3.2 Gen2 (Type-A, 10Gbps) 3x USB3.2 Gen1 (Type-A, 5Gbps)
AUDIO	1 x Realtek ALC987; Audio_out & Mic_in
GPIO	16-bit GPIO
Expansion Slot	1x mini-PCIe for WIFI 1x M.2 Key-B 3042/3052
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset
Environment	Operating Temperature: -10~60°C (Industrial SSD) Storage Temperature: -30~80° C (-22~176° F) Operating Humidity: 10%~90%@40° C, non-condensing
OS	Win10、Win11, Linux(Support by request)
EMC	CE, FCC, ROHS compliance

Ordering Information

SKU Number	Description
WBP-67Q7	Fanless Industrial Embedded System with Intel® 12/13/14th Gen Core™ i processor, 4xLAN, 2xRS-232/485,3xRS-232,1x M.2 M-KEY , 1x M.2 B-KEY,16-bit GPIO,150W AC/DC Power Adapter
WBP-67Q7-01	Industrial Embedded System with Intel® 12/13/14th Gen Core™ i processor, 4xLAN, 2xRS-232/485,3xRS-232,1x M.2 M-KEY , 1x M.2 B-KEY,16-bit GPIO,150W AC/DC Power Adapt-er, with System Fan

Optional Accessories

Item	Description
	If you need to buy processors, HDD/SSD, power Adapter, system memory and other accessories, please contact us.