

WBP-67Q2 series

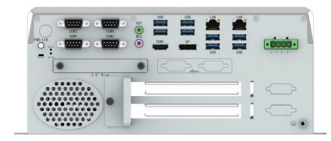
High-Performance Intel 12/13th Gen Processors
Industrial Computer with Smart FAN control

Features

- Intel® 12/13th Gen Core / Pentium/ Celeron Desktop CPU, up to TDP 65W, LGA1700
- Intel Q670 PCH
- 1x GbE & 1x 2.5GbE
- 3 Display outputs HDMI, DP++, up to 4K@60Hz resolution
- Rich USB, serial extension interfaces and PCIe, mini PCIe, M.2 extension slots



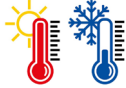
WBP-67Q2



WBP-67Q2-02



Up to 65W TDP Desktop CPU



Operating Temperature -20~60°C



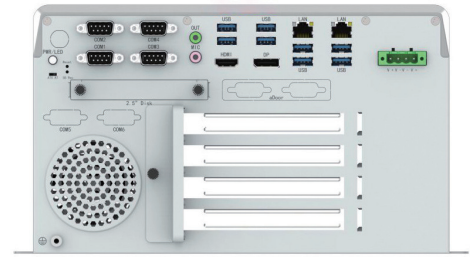
Smart system FAN



High-Performance



1x 2.5GbE and 1x 1GbE



WBP-67Q2-04

Specifications

Model	WBP-67Q2	WBP-67Q2-02 SKU	WBP-67Q2-04
Material Chassis	Radiator: Aluminum alloy, Box: SGCC		
Colour	Grey / Silver		
Dimensions (W x H x D)	268mm(L) * 194.2mm(W) * 67.7mm(H)	268mm(L) * 194.2mm(W) * 118.5mm(H)	268mm(L) * 194.2mm(W) * 159.5mm(H)
Power Adapter	1x Optional AC/DC 12V/4A, 48W		
Power Input	9~36VDC, P ≤ 240W ; 18~60VDC, P ≤ 400W		
Processors	Intel® 12/13th Generation Core / Pentium/ Celeron LGA1700 Desktop CPU ; 65W TDP		
Chipset	Intel Q670 PCH		
Memory	2x Non-ECC SO-DIMM Slot, Dual Channel DDR4 up to 3200MHz ; 64GB, Single Max. 32GB		
Storage	1x SATA3.0, quick release 2.5-inch hard drive bay (T ≤ 7mm) 1x SATA3.0, Internal 2.5" hard disk bays (T ≤ 9mm, Optional)Support RAID 0, 1 1x M.2 Key-M (PCIe x4 Gen 4 + SATA3.0, NVMe/SATA SSD Auto Detect, 2242/2260/2280)		
BIOS	AMI 256 Mbit SPI		
Display	Intel® UHD Graphics 1x HDMI1.4b: max resolution up to 4096*2160 @ 30Hz 1x DP1.4a: max resolution up to 4096*2160 @ 60Hz		
Ethernet Controller	1x Intel i219-LM 1GbE LAN Chip (LAN1, 10/100/1000 Mbps, RJ45) 1x Intel i225-V 2.5GbE LAN Chip (LAN2, 10/100/1000/2500 Mbps, RJ45)		
Serial	4 x COM Ports 2x RS232/485/422 (COM1/2, DB9/M, Full Lanes, BIOS Switch) 2x RS232 (COM3/4, DB9/M, Full Lanes)		
USB	2x USB3.2 Gen2x1 (Type-A, 10Gbps) 6x USB3.2 Gen 1x1 (Type-A, 5Gbps)		
AUDIO	1x Audio_out & Mic_in		
TPM	fTPM 2.0		
GPIO	16 bits DIO (8xDI and 8xDO, wafer) Optional		
Expansion Slot	N/A	① : 1 * PCIe x16 (x16) + 1 * PCIe x4 (x4) ② : 1 * PCIe x16 + 1 * PCI ③ : 2 * PCI PS: ①、②、③ One out of three, Expansion card length ≤ 185mm, TDP ≤ 130W	① : 2 * PCIe x16 (x8/x8) + 2 * PCI ② : 2 * PCIe x16 (x8/x8) + 1 * PCIe x4 (x4) PS: ①、② One out of two, Expansion card length ≤ 185mm, TDP ≤ 130W
	1x aDoor Bus (Optional MXM 4 * LAN/4 * POE/6 * COM/16 * GPIO expansion card)		
	2x Mini PCIe (PCIe x1 Gen 3 + USB 2.0, with 2 * SIM Card) / 1x M.2 Key-E (PCIe x1 Gen 3 + USB 2.0, 2230)		
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset		
Environment	Operating Temperature: -20~60°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

Model name	Description
WBP-67Q2	Industrial BOX-PC with Intel® Core™ i processor, 2xLAN, 4xCOM, 8x USB, 1x DP, 1x HDMI,
WBP-67Q2-02	2 Expansion Slots Industrial BOX-PC with Intel® Core™ i processor, 2xLAN, 4xCOM, 8x USB, 1x DP, 1x HDMI
WBP-67Q2-04	4 Expansion Slots Industrial BOX-PC with Intel® Core™ i processor, 2xLAN, 4xCOM, 8x USB, 1x DP, 1x HDMI

Optional Accessories

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