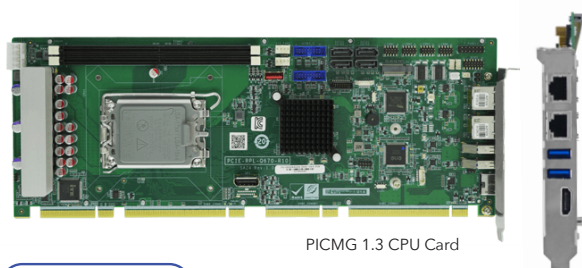


WSP-67Q1-4U

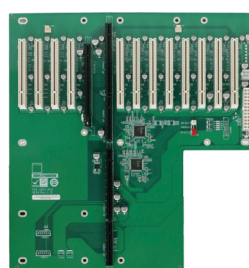
Intel 12~14th Gen i3/i5/i7/i9 4U Industrial Rackmount System

Features

- Full-size PICMG 1.3 CPU Card, 4U Industrial Rackmount System
- LGA1700 Intel® 12th/13th/14th Generation Core i9/i7/i5/i3, Pentium and Celeron processor (65W)
- 5200 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 96GB
- Support DisplayPort 1.4 and HDMI 1.4
- Support M key for storage
- Flexible expansion with full-size PICMG1.3 CPU board



PICMG 1.3 CPU Card



PICMG 1.3 Passive Backplane



14-slots 4U Rackmount Chassis

Specifications

Chassis	14-slots 4U Rackmount
Dimensions	L450*W430*H177mm
Drive Bays / Cooling Fan	External 2x 5.25" drive bays; Internal 2* 3.5" / 2.5" drive bays ; External 1x 3.5" FDD drive bay 1 x 12025mm ball bearing fan
Colour / Expansion Slot	Beige / 14* Full-height PCI/PCIE expansion slots.
System Power	Option 500W / 600W / 700W ...etc. ATX Power Supply
Processors	LGA1700 socket supports 12th/13th/14th generation Intel® Core™ i9/i7/i5/i3/ Pentium®/Celeron® Processor (up to 65W)
Chipset	Intel Q670 Express
Memory	Two 288-pin 5200 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 96GB
Storage	4x SATA 6Gb/s (RAID 0/1/5/10 supported) 1x M.2 M Key (2242/2280, PCIe Gen3 x4) NVMe support
BIOS	AMI UEFI
Display	Triple independent display 1x interface DP1.4 (up to 4096 x 2304 @60Hz) 180° (DP++); **1 x interface DP1.4 (up to 4096 x 2304 @60Hz) 180° (DP++) (Option) 1x HDMI 1.4 (up to 4096 x 2304 @30Hz)
Ethernet Controller	LAN1: Intel® I226-LM 2.5GbE controller ; LAN2: Intel® I226-V 2.5GbE controller
Serial	4x COM ports 2x RS-232/422/485 (2x5 pin, P=2.00) (RS485 support AFC) ; 2 x RS-232 (2x5 pin, P=2.00)
USB	4x USB 2.0 to backplane ; 2 x USB 3.2 Gen2 (Type-A) (10Gb/s) from External I/O ; 1 x USB 3.2 Gen2 (Type A 180°) (10Gb/s) 4x USB 3.2 Gen1 (2x 10PIN P=2.00 pin wafer) (5Gb/s)
AUDIO	1x iAUDIO, Audio Module (2 x 5 pin) Optional
I2C / SMBus	1x I2C (1x4 pin) ; 1x SMBus (1x4 pin)
TPM	Intel® Platform Trust Technology (Intel® PTT) / TPM2.0 module, software mangement tool Optional
GPIO	1x 12-bit digital I/O (2x7 pin)
CPU Card Expansion slot	1x PCIe Gen3 x16 & 4 x PCIe Gen3 x1 signal via golden finger 4x PCI signal via golden finger
Motherboard Power input	ATX/AT power supply Support AT/ATX mode ; ErP/EuP Compliant
Watchdog Timer	Software Programmable support 1~255 sec. System reset
Environment	Operating Temperature:-10°C ~60°C Storage Temperature:-30~70°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

SKU Number	Description
WSP-67Q1-4U	Industrial Rackmount System with Full-size PICMG 1.3 CPU Card supports LGA1700 Intel® 12th/13th/14th Gen. Core™ i9/i7/i5/i3/Pentium®/Celeron® CPU with Q670E, DDR5, HDMI, DP, Dual Intel® 2.5GbE, USB 3.2, SATA 6Gb/s, M.2, HD Audio PICMG 1.3 Backplane with 12* PCI Slots / 1* PCIe X16 Gen3

Optional Accessories

Item	Description
	TPM2.0 module, software mangement tool
	Realtek ALC888S 7.1 Channel HD Audio peripheral board
	SATA power cable, MOLEX 5264-4P to SATA15P

Embedded PC

Panel PC

Touch Monitor

Setup PC

Motherboard

Chassis