



1U-C246-8L

Product Features

The 1U-C246-8L is a high-density, high-performance 1U rackmount network platform built on the Intel® C246 chipset. It supports LGA1151 processors, dual-channel DDR4 SO-DIMM memory, and flexible storage expansion options. Featuring eight integrated 2.5GbE network ports and a variety of expansion interfaces, it addresses the diverse requirements of network security, virtualization, edge computing, and storage servers. This platform is ideally suited for deployment in data centers, enterprise server rooms, and industrial edge environments.

Application Scenarios



Cybersecurity and Gateway



Lightweight Server



Industrial IoT



Storage Server

Processor	Product Collection	Intel C246 Chipsets	
	Sockets Supported	FCLGA1151	
Memory specifications	Memory Type	DDR4 SODIMM	
	Maximum Capacity	64GB	
	Maximum Frequency	2666 MT/s	
Storage specifications	SATA	2*SATA 6Gb/s	
	M.2	2*M.2 Key-M 2280 SSD	
Interface	Front Panel	Network	8*RJ45 LAN
		USB	4*USB-A 3.0
		Console	1*RJ45 COM
		Reserved	2*PCIe Expand
	Back Panel	Display	1*VGA/1*HD (Reserve)
		Antenna	2 Groups (Reserve)
		Power	1*AC power socket
Extension interface	PCIe 3.0	1*PCIe x16 (x8 rate); 1*PCIe x8 (x4 rate);	
	M.2 Key-E	1*M.2 Key-E 2230 (PCIe/USB Signal)	
	M.2 Key-B	1*M.2 Key-B 3052 (USB Signal)	
	mPCIe	1*mPCIe (PCIe/USB Signal)	
Cooling Method	Active Cooling	1*CPU Fan/2*Chassis Fan	
	Chassis Size	440*255*45 (mm)	
System Specifications	Equipment Weight	Equipment Weight 3.65 KG; Package Weight 4.50 KG (including accessories)	
Power Mode		80V~264V AC input with PFC, Output: DC 24V	
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	



2U-C246-8L

Product Features

The 2U-C246-8L is an enterprise-class 2U network and storage server built on the Intel® C246 chipset. It supports LGA1151 processors, dual-channel DDR4 memory, and multiple storage expansion slots. With eight integrated 2.5GbE network ports and a variety of expansion interfaces, it is well-suited for applications in network security, virtualization, edge computing, and enterprise-class storage. This platform is ideal for deployment in enterprise server rooms, data centers, and industrial edge environments.

Application Scenarios



Cybersecurity and Gateway



Lightweight Server



Industrial IoT



Storage Server

Processor	Product Collection	Intel C246 Chipsets	
	Sockets Supported	FCLGA1151	
Memory specifications	Memory Type	DDR4 SODIMM	
	Maximum Capacity	64GB	
	Maximum Frequency	2666 MT/s	
Storage specifications	SATA	2*SATA 6Gb/s	
	M.2	2*M.2 Key-M 2280 SSD	
Interface	Front Panel	Network	8*RJ45 LAN
		USB	4*USB-A 3.0
		Console	1*RJ45 COM
		Reserved	2*PCIe Expand
	Back Panel	Display	1*VGA/1*HD (Reserve)
		Button	1*Power Button
		Antenna	2 Groups (Reserve)
		Power	1*AC power socket
Extension interface	PCIe 3.0	1*PCIe x16 (x8 rate); 1*PCIe x8 (x4 rate);	
	M.2 Key-E	1*M.2 Key-E 2230 (PCIe/USB Signal)	
	M.2 Key-B	1*M.2 Key-B 3052 (USB Signal)	
	mPCIe	1*mPCIe (PCIe/USB Signal)	
Cooling Method	Active Cooling	1*CPU Fan/2*Chassis Fan	
	Chassis Size	440*420*90 (mm)	
System Specifications	Equipment Weight	Equipment Weight 6.40 KG; Package Weight 8.50 KG (including accessories)	
Power Mode	Input: 200V~240V AC 50/60Hz, Output: 200W MAX		
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	