1528NP-10L

Product Features

The 1528NP-10L is a high-performance network motherboard designed around Intel 8th- and 10th-generation Core processors. The front panel provides 10x RJ45 Gigabit Ethernet ports. It supports dual-channel DDR4 memory and offers expandable interfaces along with reliable industrial-grade specifications, making it an ideal core platform for building next-generation network appliances, edge computing servers, and high-end dedicated systems.

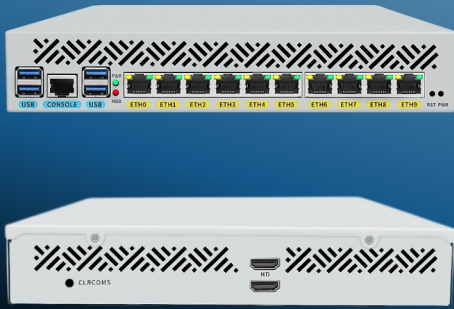## Application Scenarios

Cybersecurity

Industrial Automation

Edge Computing

Smart Security

Processor	Product Collection	8th Gen / 10th Gen Intel Core processors
	Sockets Supported	FCBGA1528
Memory specifications	Memory Type	DDR4 SO-DIMM
	Maximum Capacity	2x 32GB
	Maximum Frequency	2400/2666 MT/s
Storage specifications	SATA	1*SATA 6Gb/s
	mSATA	1*mSATA
Extension interface	mPCIe	1*mPCIe (USB2.0 signal)
Network features	Ethernet	10*1GbE
	Controller	10*Intel I210
Display functions	Port	2*HD
	Chip	Intel UHD Graphics
Backplane I/O	USB	2*USB-A 3.0
	Console	1*RJ45 COM-RS232
	Ethernet	10*RJ45
	Button	1*Power button, 1*Reset button, 1*Clear CMOS button
	Power supply	1*Jack DC 5.5/2.5mm
Onboard I/O	SATA	1*SATA Data connector/1*SATA Power socket
	SIM	1*SIM Card solts
	Fan	1*CPU_FAN, 1*SYS_FAN

Pins	1*F_PANEL	
	1*J_COM	
	1*F_USB 2.0 (can expand 2x USB2.0 ports)	
	1*J_GPIO	
Power supply	1*ATX 12V 4-pin Connector or 1*Jack DC 12V	
Motherboard size	Specification	230 mm*230 mm
Work Environment	Temperature	Working: -10℃~55℃; Storage: -20℃~60℃;
	Humidity	5%~90% (Relative humidity, no condensation)

OTS-1528NP-10L

Product Features

The OTS-1528NP-10L is a compact network appliance built on Intel 8th and 10th Generation processors. It integrates 10x Gigabit Ethernet ports, supports dual-channel DDR4 memory, and features an industrial-grade thermal design within a slim metal chassis. The system is ideal for building SMB software routers, firewalls, and multi-WAN network gateways. It is equipped with extended rack-mount ears, allowing installation in standard equipment racks.

Application Scenarios

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Memory specifications	Memory Type		DDR4 SO-DIMM
	Maximum Capacity		2x 32GB
	Maximum Frequency		2400/2666 MT/s
Storage specifications	mSATA		1*mSATA
Extension interface	mPCIe		1*mPCIe (USB2.0 signal)
Interface	Front Panel	USB	2*USB-A 3.0
		Console	1*RJ45 COM-RS232
		Ethernet	10*RJ45
		Button	1*Power button, 1*Reset button
	Back Panel	Button	1*Clear CMOS button
		Display	2*HD
		Antenna	1 Set Reserved
Cooling Method	Active Cooling 1*CPU Fan		
System Specifications	Chassis Size		240*235*43 (mm)
	Weight		Equipment Weight 1.55KG; Package Weight 3.20KG (including accessories)
Power Mode	Jack DC 12V 4A or Higher		
Work Environment	Temperature		0~55℃
	Humidity		5%~90% (Relative humidity, no condensation)