



1449NP-20-6L

Product Features

The 1449NP-6L-20-MB is a compact, industrial-grade embedded motherboard based on the Intel Tiger Lake series processors. Designed for multi-port networking applications, edge computing, and embedded storage, it's ideal for building high-performance routers, firewalls, or IoT gateways. With support for 11th Gen Intel processors, 6x 2.5GbE ports, and flexible expansion options, it's ideal for small and medium-sized enterprises, industrial automation, or remote deployment environments requiring multitasking, reliable network connectivity, and system integration.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

Processor	Product Collection	11th Generation Intel Processors
	Sockets Supported	FCBGA1449
	Memory type	DDR4 SO-DIMM
Memory specifications	Maximum capacity	64GB
	Maximum frequency	3200 MT/s
Storage specifications	SATA	1*SATA 6Gb/s
	mSATA	1*mSATA
	M.2	1*M.2 Key-M 2280 (PCIe signal)
Network features	Ethernet	6*2.5GbE RJ45
	Controller	6*Intel I226V
Extension interface	mPCIe	1*mPCIe
Display functions	Pins	1*VGA/1*HDMI
	Chip	Intel UHD Graphics or Intel Iris Xe Graphics
Backplane I/O	USB	2*USB-A 3.0
	COM	1*RJ45 COM RS232
	LAN	6*RJ45
	Button	1*Power button, 1*Reset button
	Power supply	1*Jack DC 5.5/2.5mm
Onboard I/O	SATA	1*SATA Data connector/1*SATA Power socket
	Display	1*JVGA/1*JHDMI

	SIM	1*SIM Card slots
	Fan	1*CPU_FAN, 1*SYS_FAN
	Pins	1*F_PANEL
		1*JCOM
		3*F_USB 2.0
		1*P/S 2
Power supply mode	Power	1*ATX 12V 4-pin Connector or 1*Jack DC 12V
Motherboard size	Specification	180*200 (mm)
Work Environment	Temperature	-20~55℃
	Humidity	5%~90% (Relative humidity, no condensation)



OTS-1449NP -6L

Product Features

The OTS-1449NP-6L is a compact desktop network appliance designed for multi-port network applications, edge computing, and embedded scenarios, making it ideal for building high-performance routers, firewalls, or IoT gateways. Equipped with an 11th Gen Intel processor and 6x Intel i226V network controllers, it is ideal for small and medium-sized enterprises, industrial environments, or home offices, and is particularly well-suited for deployments requiring high-bandwidth aggregation and wireless extension.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

Processor	Product Collection	11th Generation Intel Processors	
	Sockets Supported	FCBGA1449	
Memory specifications	Memory type	DDR4 SO-DIMM	
	Maximum capacity	64GB	
	Maximum frequency	3200 MT/s	
Storage specifications	mSATA	1*mSATA	
	M.2	1*M.2 Key-M 2280 (PCIe signal)	
Interface	Front Panel	Network	6*RJ45 LAN
		USB	2*USB-A 3.0
		Console	1*RJ45 COM
	Back Panel	Display	1*VGA/1*HD (Reserve)
		Antenna	2 Groups (Reserve)
		Power supply	1*Jack DC 5.5/2.5mm
Extension interface	mPCIe	1*mPCIe	
Cooling Method	Active Cooling	1*CPU Fan	
System Specifications	Chassis Size	210*200*45 (mm)	
	Equipment Weight	Equipment Weight 1.25 KG; Package Weight 1.65 KG (including accessories)	
Power Mode	DC	12V 4A or Higher	
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	



1U-1449NP -6L

Product Features

The 1U-1449NP-6L is a 1U rack-mount network appliance designed for multi-port network applications, edge computing, and embedded storage scenarios. It is suitable for building high-performance routers, firewalls, NAS systems, or IoT gateways. Equipped with an 11th Gen Intel processor and 6x I226V network controllers, it is suitable for data centers, industrial automation, or small and medium-sized enterprise environments, meeting the needs of multi-tasking, stable operation.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

Processor	Product Collection	11th Generation Intel Processors		
	Sockets Supported	FCBGA1449		
Memory specifications	Memory type	DDR4 SO-DIMM		
	Maximum capacity	64GB		
	Maximum frequency	3200 MT/s		
Storage specifications	SATA	1*SATA 6Gb/s		
	mSATA	1*mSATA		
	M.2	1*M.2 Key-M 2280 (PCIe signal)		
Interface	Front Panel	Network	6*RJ45 LAN	
		USB	2*USB-A 3.0	
		Console	1*RJ45 COM	
	Back Panel	Display	1*VGA/1*HD (Reserve)	
		Antenna	2 Groups (Reserve)	
		Power	1*AC power socket	
Extension interface	mPCIe	1*mPCIe		
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan			
System Specifications	Chassis Size	440*255*45 (mm)		
	Equipment Weight	Equipment Weight 3.80 KG; Package Weight 4.50 KG (including accessories)		
Power Mode	Input: 85V~264V AC 47~63 Hz, Output: DC 12V 6A			
Work Environment	Temperature	0~50℃		
	Humidity	5%~90% (Relative humidity, no condensation)		



1U- DPS-1449NP- 6L

Product Features

The 1U-DPS-1449NP-6L is a high-performance 1U rackmount server designed for network security and enterprise-grade networking applications. Powered by 11th Generation Intel Tiger Lake processors, it supports up to 64GB of DDR4 memory and integrates 6x 2.5GbE network ports. Featuring a modular dual power supply design with redundancy, it ensures exceptional reliability for 24/7 continuous operation. This platform serves as a solid foundation for building enterprise network gateways, data center edge nodes, and high-availability infrastructure deployments.

Application Scenarios



Cybersecurity



Branch Network Nodes



Industrial Automation



Lightweight Server

Processor	Product Collection	11th Generation Intel Processors	
	Sockets Supported	FCBGA1449	
Memory specifications	Memory type	DDR4 SO-DIMM	
	Maximum capacity	64GB	
	Maximum frequency	3200 MT/s	
Storage specifications	SATA	1*SATA 6Gb/s	
	mSATA	1*mSATA	
	M.2	1*M.2 Key-M 2280 (PCIe signal)	
Interface	Front Panel	Network	6*RJ45 LAN
		USB	2*USB-A 3.0
		Console	1*RJ45 COM
	Back Panel	Display	1*VGA/1*HD (Reserve)
		Antenna	2 Groups (Reserve)
		Power	2*AC power socket
Extension interface	mPCIe	1*mPCIe	
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan		
System Specifications	Chassis Size	440*410*45 (mm)	
	Equipment Weight	Equipment Weight 4.85 KG; Package Weight 6.50 KG (including accessories)	
	Power Mode	Modular Dual power supply, Input: 100V~240V AC 50/60Hz, Output: 75W MAX	
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	