



# 989-NET-PC

## V2.1

## Product Features

*The 989-NET-PC-MB motherboard is an embedded platform with rich port connectivity, industrial-grade reliability, and flexible expansion capabilities. Designed for space-constrained applications such as network security, industrial communications, and edge computing gateways, it provides an ideal hardware foundation for building high-performance, reliable network edge devices.*

## Application Scenarios



Industrial Automation



Smart Edge Node



Cybersecurity



IoT Gateway

Processor	Product Collection	Legacy Intel Core Processors
	Sockets Supported	FCPGA988
Memory specifications	Memory Type	DDR3/L SO-DIMM
	Maximum Capacity	8GB
	Maximum Frequency	1600 MT/s
Storage specifications	SATA	1*SATA 3Gb/s
	mSATA	1*mSATA SSD
Network features	Ethernet	6*2.5GbE
	Controller	6*Intel I226V
Extension interface	PCIe	1*PCIe x8 (Gen2)
	mPCIe	1*mPCIe
Display functions	Pins	1*JVGA/1*JHDMI
	Chip	Integrated Intel HD Graphics
Backplane I/O	USB	2*USB-A 3.0
	COM	1*RJ45 COM
	LAN	6*RJ45
	Power Supply	1*Jack DC 5.5/2.5mm
Onboard I/O	SATA	1*SATA Data connector 1*SATA Power socket
		1*F_PANEL
	Pins	2*F_USB2.0 (can expand 2x USB2.0 ports)

		1*GPIO
		1*JVGA/JHDMI
		1*JPS/2
		1*J_COM (RS232)
	SIM	1*SIM card slots
	Fan	1*CPU_FAN/1*SYS_FAN
	Power	1*ATX 12V 4–pin Connector
Power supply mode	DC	12V
Motherboard size	Specification	200*180 (mm)
Work Environment	Temperature	–20℃~55℃;
	Humidity	5%~90% (Relative humidity, no condensation)



# OTS-989NP -6L

## Product Features

*The OTS-989NP-6L is an embedded device designed for professional network applications. Powered by an Intel Core processor, it integrates 6x 2.5GbE high-speed network ports and features a compact industrial design. It provides a high-performance, highly reliable hardware platform solution for scenarios such as network security, industrial control, and edge computing.*

## Application Scenarios



Industrial Automation



Smart Edge Node



Cybersecurity



IoT Gateway

Processor	Product Collection	Legacy Intel Core Processors	
	Sockets Supported	FCPGA988	
Memory specifications	Memory Type	DDR3/L SO-DIMM	
	Maximum Capacity	8GB	
	Maximum Frequency	1600 MT/s	
Storage specifications	mSATA	1*mSATA SSD	
Interface	Front Panel	Ethernet	6*RJ45
		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	mPCle	1*mPCle	
Cooling Method	Active Cooling, 1*CPU Fan		
System Specifications	Chassis Size	210*200*45 (mm)	
	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-989NP-6L

## Product Features

*The 1U-989NP-6L is a standard 1U rack-mount network appliance designed for Intel 2nd/3rd Generation Core processors. It integrates 6x 2.5GbE high-speed network ports and provides a standardized, high-density, high-performance hardware platform solution for enterprise network infrastructure, network security devices, and edge computing applications.*

## Application Scenarios



Industrial Automation



Smart Edge Node



Cybersecurity



IoT Gateway

Processor	Product Collection	Legacy Intel Core Processors	
	Sockets Supported	FCPGA988	
Memory specifications	Memory Type	DDR3/L SO-DIMM	
	Maximum Capacity	8GB	
	Maximum Frequency	1600 MT/s	
Storage specifications	SATA	1*SATA 3Gb/s	
	mSATA	1*mSATA SSD	
Interface	Front Panel	Ethernet	6*RJ45
		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*AC power socket
Extension interface	PCIe	1*PCIe x8 (Gen2)	
	mPCIe	1*mPCIe	
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan		
System Specifications	Chassis Size	440*255*45 (mm)	
	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 4.2A		
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	

# 1U- DPS-989NP- 6L



## Product Features

*The 1U-DPS-989NP-6L is an ultra-thin network server designed for high-density rack deployment and mission-critical high availability. Integrating 6x 2.5GbE high-speed network ports and modular dual-redundant power supplies (DPS) within a 1U footprint, it provides a compact, reliable, and future-proof network edge solution for high-traffic, zero-downtime scenarios such as firewall clusters, SD-WAN nodes, and financial transaction terminals.*

## Application Scenarios



Industrial Automation



Smart Edge Node



Cybersecurity



IoT Gateway

Processor	Product Collection	Legacy Intel Core Processors	
	Sockets Supported	FCPGA988	
Memory specifications	Memory Type	DDR3/L SO-DIMM	
	Maximum Capacity	8GB	
	Maximum Frequency	1600 MT/s	
Storage specifications	SATA	1*SATA 3Gb/s	
	mSATA	1*mSATA SSD	
Interface	Front Panel	Ethernet	6*RJ45
		USB	2*USB-A 3.0
		Console	1*RJ45 COM
		Expansion	1*Reserved baffle
	Back Panel	Display	1*VGA/1*HD (Reserve)
		Antenna	2 Groups (Reserve)
		Power supply	1*AC power socket
		Button	1*Power Button
Extension interface	PCIe	1*PCIe x8 (Gen2)	
	mPCIe	1*mPCIe	
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan		
System Specifications	Chassis Size	440*410*45 (mm)	
	Weight	Equipment Weight 4.85 KG; Package Weight 5.85 KG (including accessories)	
Power Mode	Modular Dual PSU Input: 85V~264V AC 47~63 Hz Output: DC 12V 4.2A		
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	



# 2U-989NP-6L

## Product Features

The 2U-989NP-6L is a 2U rack-mount server platform designed specifically for the network edge. Integrating high-performance 2.5GbE network ports, combined with flexible processor options and extensive expansion capabilities, it is an ideal foundation for building next-generation firewalls, SD-WAN edge nodes, network monitoring probes, and various network-intensive applications. It is an excellent choice for branch office, retail, light industrial, and telecommunications equipment room deployments.

## Application Scenarios



Industrial Automation



Smart Edge Node



Cybersecurity



IoT Gateway

Processor	Product Collection	Legacy Intel Core Processors		
	Sockets Supported	FCPGA988		
Memory specifications	Memory Type	DDR3/L SO-DIMM		
	Maximum Capacity	8GB		
	Maximum Frequency	1600 MT/s		
Storage specifications	SATA	1*SATA 3Gb/s		
	mSATA	1*mSATA SSD		
Interface	Front Panel	Ethernet	6*RJ45	
		USB	2*USB-A 3.0	
		Console	1*RJ45 COM	
		Expansion	1*Reserved baffle	
	Back Panel	Display	1*VGA/1*HD (Reserve)	
		Antenna	2 Groups (Reserve)	
		Power supply	1*AC power socket	
		Button	1*Power Button	
	Extension interface	PCIe	1*PCIe x8 (Gen2)	
		mPCIe	1*mPCIe	
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan			
System Specifications	Chassis Size	440*408*90 (mm)		
	Weight	Equipment Weight 6.20 KG; Package Weight 8.20 KG (including accessories)		
Power Mode	Input: 85V~264V AC 47~63 Hz, Output: DC 12V 4.2A			
Work Environment	Temperature	0~50℃		
	Humidity	5%~90% (Relative humidity, no condensation)		