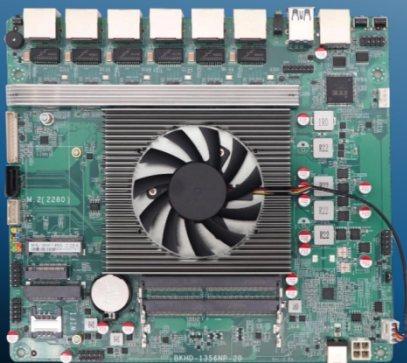




1356NP-20-6L

Product Features

The 1356NP-20-6L is a high-performance embedded motherboard based on the Intel Kaby Lake-R platform. Powered by 8th Gen Intel Core processors, it integrates 6x 2.5GbE high-speed Ethernet ports, offering powerful network connectivity, flexible expansion capabilities, and industrial-grade reliability. It is an ideal hardware platform for industrial automation, network applications, and edge computing systems.

Application Scenarios



Firewall Appliance



Multi-WAN Router



Industrial Automation Control



Edge Communication Device

Processor	Product Collection	8th Generation Intel Core processors
	Sockets Supported	FCBGA1356
	Memory Type	DDR4 SO-DIMM
Memory specifications	Maximum Capacity	32GB
	Maximum Frequency	2400 MT/s
Storage specifications	SATA	1*SATA 6Gb/s
	M.2	1*M.2 Key-M 2280 (PCIe signal)
Network features	Ethernet	6*2.5GbE
	Controller	6*Intel I226V
Extension interface	mPCIe	1*mPCIe (PCIe signal)
		1*mPCIe (USB2.0 signal, Support single-sided WiFi module)
Display functions	Pins	1*VGA/1*HDMI
	Chip	Intel UHD Graphics
Backplane I/O	USB	2*USB-A 3.0
	Console	1*RJ45 COM-RS232
	Ethernet	6*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
	Display	1*JVGA/1*JHDMI
	SIM	1*SIM Card slots
	Fan	1*CPU_FAN, 1*SYS_FAN
	Pins	1*F_PANEL
		1*J_COM

		3*F_USB 2.0 (can expand 6x USB2.0 ports)
		1*J_GPIO
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-1356NP -6L

Product Features

The OTS-1356NP-6L is a compact desktop network appliance based on 8th Gen Intel Core FCBGA1356 processors. Designed for firewalls, routers, VPN gateways, network security, industrial gateways, and edge communication, it supports up to 32GB DDR4 memory. With 6× RJ45 LAN, dual USB 3.0, RJ45 console, SATA, M.2 Key-M SSD, dual mPCIe expansion, reserved VGA/HD output, antenna openings, active cooling, and DC 12V input, it is ideal for small business, industrial, edge gateway, and OEM/ODM network deployments.

Application Scenarios



Firewall Appliance



Multi-WAN Router



Industrial Automation Control



Edge Communication Device

Processor	Product Collection	8th Generation Intel Core processors	
	Sockets Supported	FCBGA1356	
Memory specifications	Memory Type	DDR4 SO-DIMM	
	Maximum Capacity	32GB	
	Maximum Frequency	2400 MT/s	
Storage specifications	SATA	1*SATA 6Gb/s	
	M.2	1*M.2 Key-M 2280 (PCIe signal)	
Extension interface	mPCIe	1*mPCIe (PCIe signal)	
		1*mPCIe (USB2.0 signal, Support single-sided WiFi module)	
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
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-1356NP-6L

Product Features

The 1U-1356NP-6L is a compact 1U rackmount network appliance based on 8th Gen Intel Core FCBGA1356 processors. Designed for firewalls, routers, VPN gateways, network security, industrial gateways, and edge communication, it supports up to 32GB DDR4 memory. With 6× RJ45 LAN, dual USB 3.0, RJ45 console, SATA, M.2 Key-M SSD, dual mPCIe expansion, reserved VGA/HD output, antenna openings, active cooling, and AC power input, it is ideal for communication rooms, industrial sites, small business networks, and OEM/ODM deployments.

Application Scenarios



Firewall Appliance



Multi-WAN Router



Industrial Automation Control



Edge Communication Device

Processor	Product Collection	8th Generation Intel Core processors		
	Sockets Supported	FCBGA1356		
	Memory Type	DDR4 SO-DIMM		
Memory specifications	Maximum Capacity	32GB		
	Maximum Frequency	2400 MT/s		
Storage specifications	SATA	1*SATA 6Gb/s		
	M.2	1*M.2 Key-M 2280 (PCIe signal)		
Extension interface	mPCIe	1*mPCIe (PCIe signal)		
		1*mPCIe (USB2.0 signal, Support single-sided WiFi module)		
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	1*AC power socket	
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- 1356NP-6L

Product Features

The 1U-DPS-1356NP-6L is a 1U rackmount 6-LAN network appliance based on 8th Gen Intel Core FCBGA1356 processors. Designed for firewalls, routers, VPN gateways, network security, industrial gateways, and edge communication, it supports up to 32GB DDR4 memory. With 6× RJ45 LAN, dual USB 3.0, RJ45 console, SATA, M.2 Key-M SSD, dual mPCIe expansion, reserved VGA/HD output, antenna openings, modular dual power supplies, and active cooling, it is ideal for enterprise, industrial, and OEM/ODM deployments requiring higher power reliability.

Application Scenarios



Firewall Appliance



Multi-WAN Router



Industrial Automation Control



Network Infrastructure

Processor	Product Collection	8th Generation Intel Core processors	
	Sockets Supported	FCBGA1356	
Memory specifications	Memory Type	DDR4 SO-DIMM	
	Maximum Capacity	32GB	
	Maximum Frequency	2400 MT/s	
Storage specifications	SATA	1*SATA 6Gb/s	
	M.2	1*M.2 Key-M 2280 (PCIe signal)	
Extension interface	mPCIe	1*mPCIe (PCIe signal)	
		1*mPCIe (USB2.0 signal, Support single-sided WiFi module)	
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	2*AC power socket
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 6.50 KG (including accessories)	
Power Mode	Modular Dual power supply, Input: 85V~264V AC 47~63 Hz, Output: 50W MAX		
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	