



1264-NAS-17

Product Features

The 1264-NAS-17 is a motherboard designed for high-performance network-attached storage (NAS) and compact servers. Powered by Intel® N-series processors, it features up to six SATA interfaces and dual M.2 SSD expansion slots in a standard Mini-ITX form factor, along with four integrated 2.5GbE high-speed Ethernet ports. This makes it an ideal core platform for building a versatile home data center, a lightweight enterprise server, or a quiet office mainframe.

Application Scenarios



NAS and File Servers



Lightweight Server



Industrial Control Nodes



Edge Computing

Processor	Product Collection	Intel® Processor N-series
	Sockets Supported	FCBGA1264
Memory specifications	Memory type	DDR5 SO-DIMM
	Maximum capacity	16GB
	Maximum frequency	4800 MT/s
Storage specifications	SATA	6*SATA 3.0 [JMB585 (PCIe x1 to 5*SATA)]
	M.2	1*M.2 Key-B/M 2280 (PCIe x1/SATA), 1*M.2 Key-M 2280 (PCIe x1)
Extension interface	PCIe	1*PCIe x1 (PCIe Gen3 x1)
Network features	Ethernet	4*2.5GbE
	Controller	4*Intel I226V
Display functions	Port	1*DP/1*HD
	Chip	Intel UHD Graphics
I/O Chip	Chip	IT8613E-LX
Backplane I/O	USB	2*USB-A 2.0/2*USB-A 3.0
	Display	1*DP/1*HD
	Button	1*Clear CMOS button
	LAN	4*RJ45
	Audio	1*Combo Jack Audio
	Power Socket	1*ATX 24-pin, 1*ATX 4-pin
Onboard I/O	USB	1*USB-A 2.0

	SATA	6*7-pin SATA data connector
	Pins	1*F_PANEL
		1*F_USB (can expand 2x USB2.0 ports)
		1*J_COM (can expand DB9-COM port, RS232)
		1*J_TPM
	Fan	1*SYS_FAN, 1*CPU_FAN
Power supply	DC, ATX 24-pin, ATX 4-pin	
Motherboard size	Specification	170 mm*170 mm (Mini-ITX)
Work Environment	Temperature	Working: -20℃~60℃; Storage: -20℃~75℃;
	Humidity	5%~90% (Relative humidity, no condensation)



1264-6-BAY NAS

Product Features

The 1264-6-BAY-NAS is a high-performance network-attached storage (NAS) appliance designed for home offices, creative studios, and small to medium-sized businesses. Powered by an Intel® N-series processor, it integrates 4x 2.5GbE Ethernet ports and a 6-bay hot-swappable drive design. Delivered as a ready-to-use solution, it provides users with massive, secure, and high-speed data storage, backup, and sharing capabilities. It is an ideal choice for building private clouds and professional data centers.

Application Scenarios



Home Server



Enterprise File Server



Virtualization Platforms



Video Surveillance Storage

Processor	Product Collection	Intel® Processor N-series	
	Sockets Supported	FCBGA1264	
	Memory type	DDR5 SO-DIMM	
Memory specifications	Maximum capacity	16GB	
	Maximum frequency	4800 MT/s	
Storage specifications	SATA	Up to 6*SATA 6Gb/s	
	M.2	1*M.2 Key-B/M 2280, 1*M.2 Key-M 2280	
Extension interface	PCIe	1*PCIe x1 (PCIe Gen3 x1)	
Interface	Front Panel	Button	1*Start or Restart
		Storage	6*Hot Swap HDD Bay
		USB	2*USB-A 2.0
	Back Panel	Ethernet	4*RJ45 LAN
		USB	2*USB-A 3.0/2*USB-A 2.0
		Display	1*HD/1*DP
		Audio	1*Combo Jack Audio
	Cooling Method	Active Cooling 1*CPU Fan, 2*Chassis Fan	
	Chassis Size	250*260*210 (mm)	
System Specifications	Equipment Weight	Equipment Weight 5.1KG; Package Weight 6.3KG (including accessories)	
	Power Mode	Input: 100V~240V AC 50~60 Hz, Max 400W	
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	



1U- R9-1264-4L

Product Features

The 1U-R9-1264-4L is a 1U rackmount network and computing platform built on Intel Processor N-series. It supports DDR5 memory, flexible storage expansion, and 4x 2.5GbE Ethernet ports, while integrating a wide range of I/O interfaces within a compact 1U chassis. This makes it well-suited for network security appliances, industrial automation and control systems, and edge computing applications.

Application Scenarios



Home Server



Enterprise File Server



Virtualization Platforms



Video Surveillance Storage

Processor	Product Collection	Intel® Processor N-series	
	Sockets Supported	FCBGA1264	
Memory specifications	Memory type	DDR5 SO-DIMM	
	Maximum capacity	16GB	
	Maximum frequency	4800 MT/s	
Storage specifications	SATA	Up to 2*SATA 6Gb/s	
	M.2	1*M.2 Key-B/M 2280, 1*M.2 Key-M 2280	
Extension interface	PCIe	1*PCIe x1 (PCIe Gen3 x1)	
Interface	Front Panel	Button	1*Start or Restart
		USB	4*USB-A 2.0
		Ethernet	4*RJ45 LAN
	Back Panel	USB	2*USB-A 3.0/2*USB-A 2.0
		Display	1*HD/1*DP
		Audio	1*Combo Jack Audio
		COM	1*DB9 COM RS232
Cooling Method	Active Cooling 1*CPU Fan		
System Specifications	Chassis Size	440*286*45 (mm)	
	Equipment Weight	Equipment Weight 3.6KG; Package Weight 4.5KG (including accessories)	
Power Mode	Input: 100V~240V AC 50~60 Hz, Max 400W		
Work Environment	Temperature	0~50℃	
	Humidity	5%~90% (Relative humidity, no condensation)	