



1264N2-NAS

Product Features

The 1264N2-NAS is a Mini-ITX motherboard designed specifically for network storage applications. It integrates a high-performance, low-power Intel N-series processor, features the ASM1166 high-speed storage controller chip, supports 6 x SATA 6Gb/s hard drive interfaces, and provides dual M.2 NVMe SSD slots, enabling separation of the system drive and cache drive to meet the needs of efficient read/write operations and data security.

Application Scenarios



Home Network Storage



Media File Server



Video Surveillance Storage



Virtualization Platform

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 [ASM1166 (PCIe x2 to 6*SATA)]
	M.2	2*M.2 Key-M 2280 (PCIe Gen3 x1)
Network features	Ethernet	2*2.5GbE
	Controller	2*Intel I226V
Extension interface	PCIe	1*PCIe x4 (Gen3 x2 Rate)
Display functions	Port	1*DP/1*HD/1*USB-C
	Chip	Intel UHD Graphics
Backplane I/O	USB	2*USB-A 2.0/1*USB-A 3.0/1*USB-C
	Display	1*DP/1*HD/1*USB-C
	LAN	2*RJ45
	Power supply	1*ATX 24-pin, 1*ATX 4-pin
	Storage	TF Card slot
Onboard I/O	SATA	6*7-pin SATA data connector
	USB	1*USB-A 2.0
	Fan	2*SYS_FAN, 1*CPU_FAN

		1*F_PANEL
		1*J_COM
Pins		1*J_GPIO
		1*TPM
		1*J_USB1 (can expand 2x USB2.0 ports)
Power supply mode	ATX	ATX 24-pin+4-pin
Motherboard size	Specification	170 mm*170 mm (Mini-ITX)
Work Environment	Temperature	Working: 0℃~60℃; Storage: -20℃~75℃;
	Humidity	0%~95% (Relative humidity, no condensation)



1264N2-6-BAY NAS

Product Features

The 1264N2-6-BAY-NAS is a professional-grade network storage server powered by an Intel N-series processor and housed in a standard six-bay chassis. It supports 6x hot-swappable drive bays, dual M.2 SSD interfaces, and dual 2.5GbE network ports, providing a complete hardware solution for enterprise data storage, backup, and file sharing. With its excellent storage performance, efficient thermal design, and easy maintenance, it is an ideal choice for SMB NAS systems, home media servers, and surveillance storage applications.

Application Scenarios



Home Network Storage



Media File Server



Video Surveillance Storage



Virtualization Platform

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 6*SATA 6Gb/s	
	M.2	2*M.2 Key-M SSD	
Interface	Front Panel	Button	1*Power On or Restart
		Storage	6*Hot Swap HDD Bay
		USB	2*USB-A 2.0
	Back Panel	Ethernet	2*RJ45
		USB	2*USB-A 2.0/1*USB-A 3.0/1*USB-C
		Display	1*HD/1*DP
		TF Card	1*TF Card slot
	Extension interface	PCIe	1*PCIe x4 (Gen3 x2 Rate)
Cooling Method		Active Cooling, 1*CPU Fan/2*Chassis Fan	
System Specifications	Chassis Size	250*260*210 (mm)	
	Weight	Equipment Weight 5.1KG; Package Weight 6.3KG (including accessories)	
Power Mode	AC	100V~240V	
Work Environment	Temperature	0~50℃	
	Humidity	5%~95% (Relative humidity, no condensation)	