



C246-NAS-ITX

Product Features

The C246-NAS-ITX is a high-performance Mini-ITX storage motherboard based on the Intel C246 chipset (FCLGA1151 socket). It supports Intel 8th/9th Generation Core and Xeon E-2100 series processors, and is compatible with UDIMM/DIMM DDR4 memory. Featuring 8x native SATA 3.0 slots, 4x 2.5GbE high-speed Ethernet ports, and a stable enterprise-grade design, it provides a robust hardware foundation for demanding NAS systems, lightweight servers, and professional workstation applications.

Processor	Product Collection	Intel C246 Chipsets
	Sockets Supported	FCLGA1151
Memory specifications	Memory Type	DDR4 (Support Non-ECC DIMM/ECC Unbuffered DIMM)
	Maximum Capacity	64GB
	Maximum Frequency	2666 MT/s
Storage specifications	SATA	8*SATA 6Gb/s
	M.2	2*M.2 Key-M 2280 SSD (PCIe 3.0)
Extension interface	PCIe	1*PCIe x16 (PCIe 3.0)
Network features	Ethernet	4*2.5GbE
	Controller	4*Intel I226V
Display functions	Port	1*DP, 1*HD
	Chip	Depends on the processor (processor integrated graphics)
I/O Chip	Chip	IT8613E
Backplane I/O	Ethernet	4*RJ45
	USB	4*USB-A 3.0
	Display	1*DP, 1*HDMI
Audio		1*Jack Audio (Line Out) Realtek ALC897 chip
	USB	1*USB-A 2.0
Onboard I/O	SATA	8*SATA Data connector
	Pins	1*F_PANEL



NAS and File Servers



Lightweight Server



Industrial Control Nodes



Virtualized Platform

	1*F_USB3 (can expand 2x USB3.0 ports)
	1*F_AUDIO
	1*J_LPC
Fan	1*CPU_FAN, 1*SYS_FAN
Power supply	ATX, 24Pin+4Pin
Motherboard size	Specification 170 mm*170 mm (Mini-ITX)
Work Environment	Temperature Working: -10°C ~60°C; Storage: -20°C ~70°C; Humidity 10%~90% (Relative humidity, no condensation)



C246-8-BAY NAS

Product Features

The C246-8-BAY-NAS is a flagship network storage server designed for small and medium-sized businesses, creative studios, and professional users. Built on the Intel C246 chipset, it supports Intel Core and Xeon E-Series processors, and features 8x hot-swappable drive bays, 4x 2.5GbE high-speed Ethernet ports, and dual M.2 NVMe SSD slots. With exceptional storage scalability, enterprise-grade hardware reliability, and powerful performance, it provides a high-capacity, high-reliability storage solution for both enterprise and advanced home users.

Application Scenarios



Home Media Center



NAS and File Servers



Virtualization Platforms



Video Surveillance Storage

Processor	Product Collection	Intel C246 Chipsets
	Sockets Supported	FCLGA1151
Memory specifications	Memory Type	DDR4 (Support Non-ECC DIMM/ECC Unbuffered DIMM)
	Maximum Capacity	64GB
Storage specifications	Maximum Frequency	2666 MT/s
	SATA	Up to 8*SATA 6Gb/s
Extension interface	M.2	2*M.2 Key-M 2280 SSD (PCIe 3.0)
	PCIe	1*PCIe x16 (PCIe 3.0)
Interface	Button	1*Start or Restart
	Front Panel	Storage 8*Hot Swap HDD Bay
	USB	2*USB-A 3.0
	Ethernet	4*RJ45
	USB	4*USB-A 3.0
Back Panel	Display	1*HD/1*DP
	Audio	1*Jack Audio
Cooling Method	Active Cooling 1*CPU Fan, 2*Chassis Fan	
System Specifications	Chassis Size	310*305*220 (mm)
	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	0~55°C
	Humidity	10%~90% (Relative humidity, no condensation)