



Main Features

- Intel® Core™ Processor (Series 2 and 14th Gen)
- 4 x DDR5 ECC/non-ECC UDIMM slot, up to 128GB
- 1 x M.2 Key M 2280 NVMe SSD slot (PCIe 4.0 x4)
- 1 x RJ45 console port
- 1 x 550W CRPS (1+1) Redundant power supply
- 4 x LAN module slot (Gen Z)
- 2 x 2.5" SATA 3.0 SSD (optional)

Product Overview

The NSA 5200 is a powerful 1U rackmount appliance equipped with a Intel® Core™ Processor (Series 2 and 14th Gen; or Bartlett Lake S and Raptor Lake S Refresh respectively), supporting the latest PCIe 5.0 interface and DDR5 memory technology. Designed to handle heavy workloads, this modular and flexible network solution offers on-premise compute capabilities for a range of IT applications, including cybersecurity and load balancing. With expansion slots allowing for the integration of dedicated NEXCOM proprietary LAN modules, as well as add-on cards, the NSA 5200 can be expanded to support AI and storage use cases.

Specifications

Processor

- Intel® Core™ Processor (Series 2), up to 65W
- Intel® Core™ Processor (14th Gen), up to 65W
- PCH: Intel® R680E
- TPM 2.0

Memory

- 4 x DDR5 4400/3600 ECC/non-ECC UDIMM slot, up to 128GB, 32GB per slot (dual channel)

Storage

- 1 x M.2 Key M 2280 NVMe SSD slot (PCIe 4.0 x4)
- 2 x 2.5" SATA 3.0 SSD (optional)

I/O Interface External

- Buttons: Power & Reset
- LEDs: FAN/SYS/PW1/PW2
- 1 x RJ45 console port
- 1 x RJ45 MGMT port
- 1 x HDMI® port
- 2 x USB 3.2 port
- 1 x LCM
- 4 x LAN module slot (Gen Z)

	LAN Slot 1	LAN Slot 2	LAN Slot3	LAN Slot 4
Connector Type	OCF	OCF	OCF	OCF
Signal	PCIe 5.0 x8	PCIe 5.0 x8	2 x PCIe 4.0 x4	2 x PCIe 3.0 x4

- 3 x Swappable fan

Power Supply

- 1 x 550W CRPS (1+1) Redundant power supply

Mechanical

- Chassis dimension: 438 mm (W) x 511 mm (D) x 44 mm (H)
- Package dimension: 735 mm (W) x 612 mm (D) x 255 mm (H)
- Net weight: 9.96 kg
- Gross weight: 17.74 kg

Environment

- Temperature:
 - Ambient with air flow: 0°C ~ 40°C
 - Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% (non-condensing)

Certifications

- CE
- FCC Class A

Ordering Information

Barebone

- **NSA 5200 (P/N: 10S00520000X0)**

1U w/ Intel® Core™ Processor (Series 2 or 14th Gen), 4 x DDR5 ECC/non-ECC UDIMM slot, 4 x LAN module slot (Gen Z)

- * Please confirm the latest list of supported LAN modules with your account manager before placing the order