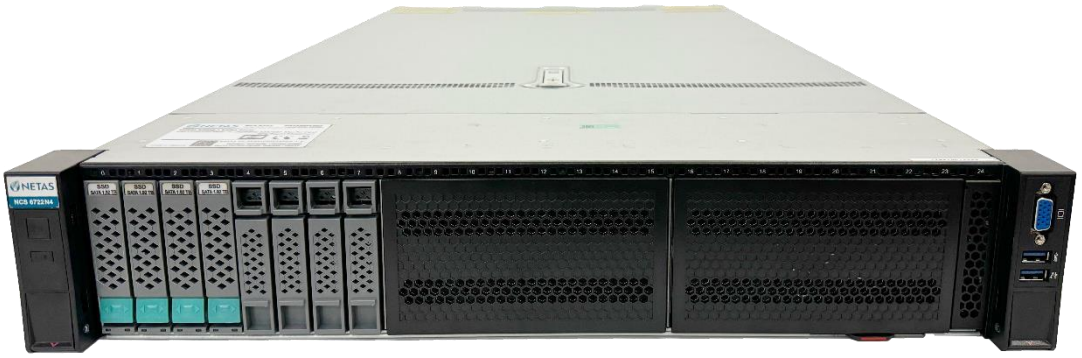


NCS6722 N4

NETAŞ CLOUD SERVER

DATASHEET

NCS6722 N4, is a new-generation 2U2 socket general rack server, which supports 2 Intel ® Xeon ® 4/5 generation scalable processor (Eagle Stream).

NCS6722 N4 uses a high-density, modular, and streamline design.

It features high capability, large capacity, high reliability, easy expansion, and easy management, which is widely applicable to interconnection, network, cloud computing, big data, and virtualization.

1. High Density, High Performance

- Supports two Intel 4th/5th Generation of Intel® Xeon® Scalable Processors (Eagle Stream) with a single processor of up to 64cores.
- Provides dual CPUs for high-speed interconnection. Up to 4 UPIs for fast channel interconnection.
- The transmission rate can reach 20GT/s.
- Provides 32 DDR5 memory slots, with a maximum rate of 5,600MT/s • Provides high-speed I/O performance, and supports high-performance NVMe SSD.

2. High Scalability, High Bandwidth

- Provides a maximum of 45 2.5" slots or 20 3.5" slots + 4 2.5" slots to meet the requirements for large-capacity storage.
- Supports a maximum of 34 NVMe SSDs, a maximum of 40 E1.S1, and a maximum of 40 E3.S1, provides high-speed I/O interfaces, and solves the bottleneck of slow hard disk access in traditional solutions.
- Provides multiple storage combinations and RAID card configuration options to flexibly configure local storage in accordance with service requirements.
- Provides the powerful expansion capability, and supports up to 20 PCIe 5.0 expansion slots.
- Provides powerful computing capabilities and supports four high-performance GPUs.

3. High Availability, High Reliability

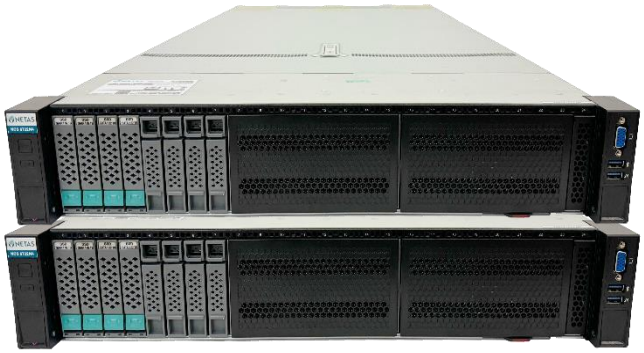
- The good heat dissipation design improves system reliability, and effectively extends the life of components and reduces costs.
- The hard disks, power supplies, and fans support hot swapping, improving the availability of the system.
- Supports RAID 0, 1, 5, 6, 10, 50, 60 supports power-off protection, and provides multiple data protection solutions for users.
- 4 groups of 8 high efficiency fans, each 43.2W, INLET:17700±10%RPM OUTLET:14700±10%RPM with N+1 redundancy support, providing intelligent adjustment and heat dissipation system.
- Supports TPM 2.0 and TCM.

4. Convenient Management, Easy Maintenance

- Provides the intelligent management platform, implementing out-of-band monitoring of resources such as CPUs, memories, hard disks, fans, power supplies, and networks.
- Supports standard interfaces such as IPMI, SNMP, and Redfish, so that the platform can be integrated with third-party management systems.
- Supports automatic deployment, firmware upgrade, and remote operations to improve deployment and O&M efficiency.
- Provides powerful the KVM function.

5. Green, Energy Saving, Environment Protection

- 80PLUS high-efficiency platinum/titanium power supplies are used to support power capping.
- Supports high-voltage DC and low-voltage DC technologies to improve energy utilization.
- Intelligent rotation speed adjustment and silence design
- Lead-free design and environmental protection



6. Technical Specifications

Technical Specification	NCS6722 N4 2U Rack Server
Feature	
From	2U Rack Server
CPU	½ Intel® Xeon® 4th/5th generation scalable processor (Eagle Stream)
Chipset	Intel C741
Memory	Support up to 32 DDR5 memory slots with maximum rate of 5,600 MT/s
Interconnection bus	Provides 4 UPI interconnection links. The maximum rate of a single link is 20GT/s Provides x8 DMI high-speed channels
Raid controller	Supports RAID 0/1/5/6/10/50/60 and power-off protection
Local Storage	Provides a maximum of 45x 2.5" slots SAS/SATA/SSD/NVMe, or maximum of 20x 3.5" slots NL-SAS/SATA, + 4x 2.5" slots, Supports a maximum of 34 NVMe SDDs Supports a maximum of 40 E1.S and a maximum of 40 E3.S
I/O Module	
Network Resources	Supports 2x OCP3.0 interfaces, Supports PCIE5.0 x 8 and 2x PCIE5.0 x16 can be expanded optionally, Supports Multi-Host optionally

PCIe slots	Supports up to 20 PCIe slots: 2x OCP dedicated slots, 18x PCIe standard slots
External Equipment interface	5x USB interface 2x rear USB3.0 1x front USB3.0 1x front USB2.0 1x internal USB2.0 2x VGA interface (1x front, 1x rear) 1x RS232 - Serial port
Hardware Management Interface	Support 1 independent GE management network interface
Display	Integrated display cards, Supporting the optional configuration of PCIe standard display cards
OS	
Compatible OS	Compatible with mainstream server operating systems: Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Enterprise Linux, Vmware ESXI, Ubuntu,
Physical Features	
Power	Supports 1+1 hot/swappable redundant power supplies. (Optional) 550 W/800 W/1200 W/1600 W/2000 W/2700 W, highefficiency platinum/titanium power supply Supports 110V/220V AC, 240V/336V high-voltage DC and -48V DC
Fan	Four groups of high-efficiency fans, N+1 redundancy and intelligent heat dissipation system
Environmental conditions	Operating temperature: +5 ºC to +45 ºC (depending on the configuration, refer to the technical documentation for details) Storage temperature: -40 ºC to +65 ºC Operating humidity: %8 – %90 RH, no condensation Transportation and storage humidity: %5 – %95 RH, no condensation Altitude: ≤ 3.000m. When the altitude is 900m. higher, the operating temperature is reduced by 1°C for every 300m. higher. If the altitude is more than 3.000m., you cannot configure mechanical hard disks.

Size	432 mm x 87,6 mm x 780 mm (W x H x D), excluding flanges and guide rails Standard 19-inch rack (>=1m deep)
Weight with full configuration	The equipment with the maximum configuration is about 40Kg. (Excluding guide rails)
Certificates	CE, CCC, Energy Star, RosH, Yerli Malı (Local Brand)