NCS6722A N4

NETAŞ CLOUD SERVER

DATASHEET

NCS6722A N4, is a new-generation 2U2 socket general rack server, which supports 2 AMD®EPYC® scalable processors family.

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 AMD®EPYC® Scalable Processors family.
• Provides 32 DDR5 memory slots, with a maximum rate of 4,800MT/s
• Provides high-speed I/O performance and supports high-performance NVMe SSD.

2. High Scalability, High Bandwidth
• Provides up to 25x 2.5" slots or up to 12x 3.5" slots and + 4x 2.5" (rear) slots to meet the requirements for large-capacity storage.
• Supports NVMe SSDs optionally to provide 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 12 PCIe 5.0 expansion slots.

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.

• Power modules support 1+1 redundancy, and fans support N+1 redundancy, improving system reliability.

• Supports TPM/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. Teknik Özellikler

Technical Specification	NCS6722A N4 2U Rack Server
Feature	
From	2U Rack Server
CPU	½ AMD®EPYC® scalable processor
Memory	Support up to 24 DDR5 memory slots with maximum rate of 4,800 MT/s
Raid controller	Supports RAID 0/1/5/6/10/50/60 and power-oQ protection
Local Storage	Provides a maximum of 25x 2.5" slots, or maximum of 12x 3.5" slots, + 4x 2.5" slots,
I/O Module	
Network Resources	Supports 2x OCP3.0 interfaces,
PCIe slots	Supports up to 12 PCIe slots: 2x OCP dedicated slots, 8x PCIe standard slots

External Equipment interface	4x USB interface
	    2x rear USB3.0
	    1x front USB3.0
	    1x front 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/3200 W high-eQiciency platinum/titanium power supply Supports 110V/220V AC, 240V/336V high-voltage DC and -48V DC
Fan	Four groups of high-eQiciency 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)
Certificate	CE, CCC

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Contact Information

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