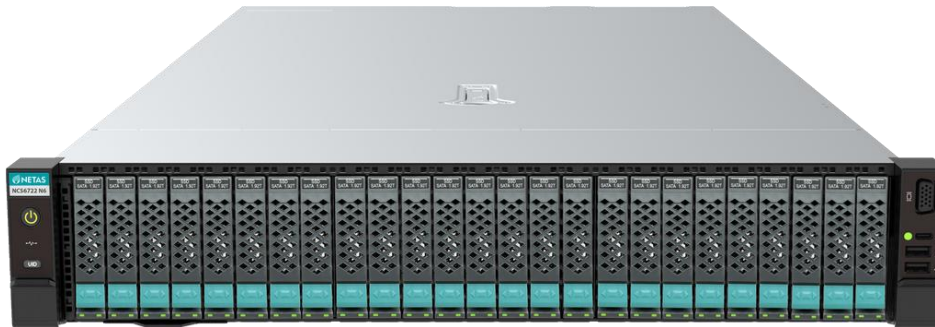


NETAS NCS6722 N6

Netaş Domestic Server Series



OVERVIEW

The NCS6722 N6 is a high-performance rack server based on Intel's latest Granite Rapids SP and Sierra Forest SP platforms, known for its energy efficiency. It is designed to meet the demands of large-scale data processing with ultra-large memory capacity and high-speed I/O interfaces. The server offers innovative engineering solutions at the chip, connectivity, module, and system levels, ensuring reliability, availability, and scalability. It efficiently supports critical workloads such as large databases, high-performance computing (HPC), virtualization, customer relationship management (CRM), and enterprise resource planning (ERP).

1. High-Performance Computing (HPC)

- Supports 2 Intel® Xeon® 6th Gen processors with up to 500W power per CPU
- Equipped with 32 DDR5 DIMM slots, supporting a maximum memory speed of 6,400 MT/s
- Supports up to 21 PCIe 5.0 expansion slots, offering high-speed network communication capabilities
- Supports up to 4 GPU cards, enabling high-performance data processing and graphics capabilities
- Supports 45 x 2.5" SAS/SATA hard drives or 20 x 3.5" SAS/SATA and 4 x 2.5" SAS/SATA hard drives

Key Features

- Up to 2 Intel® Xeon® 6th Gen processors with 144 cores
- 32 DDR5 memory slots with a maximum of 8 TB memory
- Support for 45 x 2.5" SAS/SATA or 20 x 3.5" + 4 x 2.5" SAS/SATA hard drives
- Support for up to 4 GPU cards
- Up to 21 PCIe 5.0 slots
- There are four data paths at 24 GT/s speed between processors on the server.



2. High Availability, High Reliability

- Hot-swap support for hard drives, power supplies, and fans, enhancing system availability.
- Supports RAID 0, 1, 5, 6, 10, 50, and 60, providing protection against power outages and offering various data protection solutions.
- 1+1 power supply redundancy and N+1 fan redundancy to improve system reliability.
- TPM/TCM support for enhanced security.
- N+N power supply redundancy for further system protection.

3. Convenient Management, Easy Maintenance

- The intelligent management platform enables out-of-band monitoring of CPU, memory, hard drives, fans, power supplies, and network resources.
- Supports standard interfaces such as IPMI, SNMP, and Redfish, and can be integrated with third-party management systems.
- Enhances deployment and O&M (Operations & Maintenance) efficiency by offering features like automatic provisioning, firmware updates, and remote operation support.
- Provides powerful KVM (Keyboard, Video, Mouse) functionality.
- LCD support and the ability to set up without additional equipment.

4. Green, Energy Efficiency, Environmental Protection

- Supports 80 PLUS Platinum/Titanium high-efficiency power supplies and features power capping for energy control.
- Enhances energy efficiency by supporting high-voltage DC and low-voltage DC technologies.
- Features smart fan speed adjustment and operates silently.
- Environmentally friendly lead-free design.



5. Technical Features

Features	NETAŞ NCS 6722 N6
Rack Type	2U Rack server
CPU	2 socket Intel® Xeon® (Granite Rapids/Sierra Forest) scalable processors
CPU Interconnect	There are four data paths at 24 GT/s speed between processors on the server.
Chipset	N/A
RAM	32 pieces of DDR5 slots supporting 6400 MT/s
Hard Disk Controller	Standard PCIe RAID card supporting 0/1/10/5/6/50/60
Local Storage	<ul style="list-style-type: none"> • Maximum 45 pieces of 2.5" disk slots or 20 pieces of 3.5" disk slots • Optional 4 pieces of 2.5" disk expansion slot support • Maximum 43 pieces of E1.S1/E3.S1 support
IO Modules	
Network Resources	2 pieces of OCP 3.0 support, PCIe 5.0 x8 support expandable to PCIe 5.0 x16, Multi-Host support(optional)
PCIe Slots	<ul style="list-style-type: none"> • Maximum 21 pieces of PCIe expansion slot support: 19 pieces of standard PCIe slots 2 pieces of special OCP slots
External Equipment Interface	<ul style="list-style-type: none"> • 5 pieces of USB interface support: 2 pieces of rear USB 3.0 interface 1 pieces of front USB 3.0 interface 1 piece of embedded USB 2.0 interface 1 piece of front USB 2.0 interface • 2 pieces of VGA interface support: 1 piece of front VGA interface 1 piece of rear VGA interface • 1 piece of serial port (TYPE-C) support
Equipment Man. Interface	1 independent GE management network interface
Display	Integrated graphics card, and the PCIe standard graphics card is optional





Operating Systems	
Compatible OS and Platforms	<p>Compatible with mainstream operating systems and platforms:</p> <ul style="list-style-type: none"> • Microsoft Windows Server(2022-2025), • Red Hat Enterprise Linux 9, • Redhat Openstack 18, Openshift 4 • SUSE Linux Enterprise Server, • Vmware ESXi(7-8), ZTE CGSL • CentOS,
Physical Features	
Power	<ul style="list-style-type: none"> • 1+1 hot-swappable redundancy power • Optional 550W/800W/1200W/1600W/2000W/2700W/3200W/3600W PSU support • High efficiency platinum/titanium power supplier support • 110V/220VAC, 240V/336V HVDC, ve -48VDC support
Fan	<ul style="list-style-type: none"> • 4 groups of efficient fans, N+1 redundancy, • Intelligent adjustment heat dissipation system
Environmental Conditions	<ul style="list-style-type: none"> • Operating Temperature: 5°C~ +45°C • Storage Temperature: -40°C~ +65°C • Operating Humidity: %8 – %90(no condensation) • Altitude: ≤3.000 m
Size	Standart Rack 2U , W436mm × H 87mm × D 830mm
Weight of Equipment with Full Configuration	Maximum configuration at most about 40 kg(without guide rails)
Certifications	CE, ETL, FCC, CCC, RoSH

Connect with us

For detailed information about the Netaş NCS6722 N6, you can call +90 (216) 522 20 00 or visit the website at netas.com.tr.

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