

# 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



## **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
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"> <li>• Maximum 45 pieces of 2.5" disk slots or 20 pieces of 3.5" disk slots</li> <li>• Optional 4 pieces of 2.5" disk expansion slot support</li> <li>• Maximum 43 pieces of E1.S1/E3.S1 support</li> </ul>
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"> <li>• Maximum 21 pieces of PCIe expansion slot support: 19 pieces of standard PCIe slots 2 pieces of special OCP slots</li> </ul>
External Equipment Interface	<ul style="list-style-type: none"> <li>• 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</li> <li>• 2 pieces of VGA interface support: 1 piece of front VGA interface 1 piece of rear VGA interface</li> <li>• 1 piece of serial port (TYPE-C) support</li> </ul>
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"> <li>• Microsoft Windows Server(2022-2025),</li> <li>• Red Hat Enterprise Linux 9,</li> <li>• Redhat Openstack 18, Openshift 4</li> <li>• SUSE Linux Enterprise Server,</li> <li>• Vmware ESXi(7-8), ZTE CGSL</li> <li>• CentOS,</li> </ul>
Physical Features	
Power	<ul style="list-style-type: none"> <li>• 1+1 hot-swappable redundancy power</li> <li>• Optional 550W/800W/1200W/1600W/2000W/2700W/3200W/3600W PSU support</li> <li>• High efficiency platinum/titanium power supplier support</li> <li>• 110V/220VAC, 240V/336V HVDC, ve -48VDC support</li> </ul>
Fan	<ul style="list-style-type: none"> <li>• 4 groups of efficient fans, N+1 redundancy,</li> <li>• Intelligent adjustment heat dissipation system</li> </ul>
Environmental Conditions	<ul style="list-style-type: none"> <li>• Operating Temperature: 5°C~ +45°C</li> <li>• Storage Temperature: -40°C~ +65°C</li> <li>• Operating Humidity: %8 – %90(no condensation)</li> <li>• Altitude: ≤3.000 m</li> </ul>
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](https://netas.com.tr).

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