



Exceptional Performance 2U Appliance Platform

The NCS 2208 is an extremely powerful appliance platform designed for high availability and reliability required in high end enterprise applications such as e-commerce, data caching, search engines, security and streaming media applications.

- 2U Rack Mountable Chassis
- Dual Redundant AC or DC Power Supply
- Dual Intel® 64-bit Xeon® or AMD Opteron processors
- Up to 128 GB DDR2 667 FB-DIMM Memory
- Eight removable SAS/SATA/SCSI standalone or RAID Hard Drives
- Two Gigabit Ethernet Interfaces
- Optional LCD
- Up to 7 Expansion Slots Available (combination Full-Height and Low-Profile PCI-express and PCI-X slots)

NCSAPP Bundled Services

The NCS Appliance Partner Program offers a wide range of services including product design, program management, product life-cycle support, and complete logistics management. Our engineering capabilities include custom chassis design, in-house thermal, vibration, acoustical, and operating system compatibility testing. As your appliance partner, we will build the appliance to your exact specifications, load your software image, perform burn-in and functional testing on each unit and will drop ship directly to your end customers in custom branded packaging. NCS will also inventory, package and ship your product complete with your consigned documentation, media, and accessories. Our appliances are backed with a wide range of service warranties including telephone and e-mail support, up to 3 years Mail-In Mail-Back Repair Service and Global Onsite support options.



Processor

Two Intel® Xeon® Dual Core / Quad Core CPUs
OR Two AMD® Opteron® Dual Core / Quad Core CPUs

Chipset

Intel® 5000 series chipsets with up to 1600MHz Front-Side Bus
OR nVidia® MCP55 Pro with HT 1000 System Bus

BIOS

8Mb Flash EEPROM with Phoenix® BIOS
OR 8Mb Flash EEPROM with AMI® BIOS

System Memory

240-pin DIMM sockets for up to 128 GB DDR2 667 FB-DIMMs
OR 240-pin DIMM sockets for up to 64GB DDR2 400 Registered ECC
Dual Channel memory

System Management

Monitoring for CPU, chassis, environment

Integrated I/O

Two serial ports - one 9-pin rear I/O and one onboard header,
One 15-pin VGA port, Two RJ45 10/100/1000 Base-T ports,
Four USB 2.0 ports - two rear I/O and two front I/O

Integrated Graphics Adapter

Onboard integrated graphics

Integrated Network Interface

Dual Intel® Gigabit Ethernet interfaces
OR nVidia MCP55 Pro Chipset Dual-port LAN / Ethernet Controller

Integrated SATA controller

Intel ESB2 6-port SATA controller
OR nVidia MCP55 Pro 6-port SATA controller

Integrated SCSI controller (only in SCSI model)

Adaptec AIC-7902 2-channel U320 SCSI Controller

Hard Disk Capacity

8x fixed or removable SAS/SATA/SCSI hard disk drives OR

Enclosure Specifications

2U form-factor Rack mountable 17.2"(w) x 25.6"(d) x 3.5"(h)

Expansion Slots for Systems with Redundant Power

1 Universal I/O (UIO) Slot,
3 (x8) Full-height/length PCI-E,
2 (x4) Low-Profile PCI-E
1 Low-Profile 64-bit 133MHz PCI-X
Other Configuration Options Available

Power Supply Features

700 Watts stand alone or hot-swap, redundant, high-efficiency modules
Input Frequency 50-60 Hz
Input Voltage 100-240 VAC Auto-Sensing
+5V 30.0 A maximum
+5V Standby 4.0 A maximum
+12V 57.0 A maximum
-12V 0.6 A maximum
+3.3V 24.0 A maximum

Environmental

Operating Temperature: 10 to 35 deg C
Storage Temperature: -40 to 70 deg C
Operating Temperature: 10° to 35° C
Storage Relative Humidity: 90%, 35 deg C
Operating Relative Humidity: 85% non-condensing
Operating Altitude: -45 to 9500 ft
Storage Altitude: -45 to 25,000 ft

Regulatory and Product Certifications

Electromagnetic Emissions:
FCC Class B, EN 55022 Class B, EN 61000-3-2/-3-3, CISPR 22 Class B

Electromagnetic Immunity:

EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11) 55024

Safety:

EN 60950/IEC 60950-Compliant
UL Listed (USA)
CUL Listed (Canada)
TUV Certified (Germany)
CE Marking (Europe)

System Weight

65lbs approx

