

Embedded Systems

NEW

VIA NSR7800

2U Rackmount Storage Server with C7®, GigaLAN, 8 SATA, Compact Flash and USB 2.0

Features

- Supports one VIA VT6130 PCIe Gigabit Ethernet and one VIA VT6122 PCI Gigabit Ethernet
- Supports one Compact Flash type I slot
- Supports one 32-bit Mini PCI slot
- Supports eight SATA hard drive trays with lock
- Supports six USB 2.0 ports
- Onboard TPM (Trusted Platform Module)



Specifications

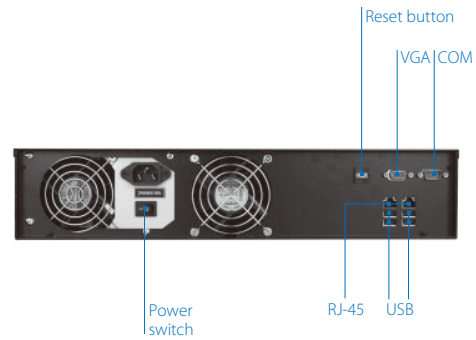
Part Number	NSR7800-15LST-A0
Processor	1.5 GHz VIA C7®
Chipset	VIA CN700 North Bridge VT8251 South Bridge
System Memory	1 x DDR2 400/533/667 DIMM socket (effective speed to 533 MHz) Up to 1GB memory size
Storage	1 x CF type-I slot (Master/Slave selectable) 8 x SATA (3Gbps) connectors
Expansion Slot	1 x 32-bit Mini PCI slot
Onboard TPM	Infineon SLB9635TT v1.2 (Trusted Platform Module)
LAN	1 x VIA VT6130 PCIe Gigabit Ethernet controller 1 x VIA VT6122 PCI Gigabit Ethernet controller
Front System I/O Outlet	8 x 3.5" SATA hard drive trays with lock (supports 2.5" SATA hard drive as well) 1 x Power switch for system 2 x USB 2.0 connectors
Rear System I/O Outlet	1 x Reset button 2 x RJ-45 LAN ports 4 x USB 2.0 connectors 1 x VGA port 1 x RS232 port 1 x Power switch for PSU
System Indicator	1 x Orange LED for system power-on 1 x Blue LED for hard drive active 2 x Green LEDs for LAN active 1 x Blue/green/red LED for hard drive status on each tray (power/access/fail)
Power Supply	300W ATX PSU with active PFC & 80 plus AC 100 ~ 240V, 50/60Hz
Operating System	Windows Server 2003/2007, Linux
System Monitoring & Management	Wake-on LAN, Wake-on Alarm Watch Dog Timer System power management, AC power failure recovery
Operating Temperature	0°C ~ 45°C
Storage Temperature	-20°C ~ 70°C (90% relative humidity)
Operating Humidity	0% ~ 90% (relative humidity; non-condensing)
Safety Certificate	CE, FCC
System Dimension	43.1 cm (W) x 43 cm (L) x 8.8 cm (H). 2U rackmount design
System Weight	9.5 kg

* The product is only available for special projects. Please contact your regional sales representative for more details.

Front System I/O



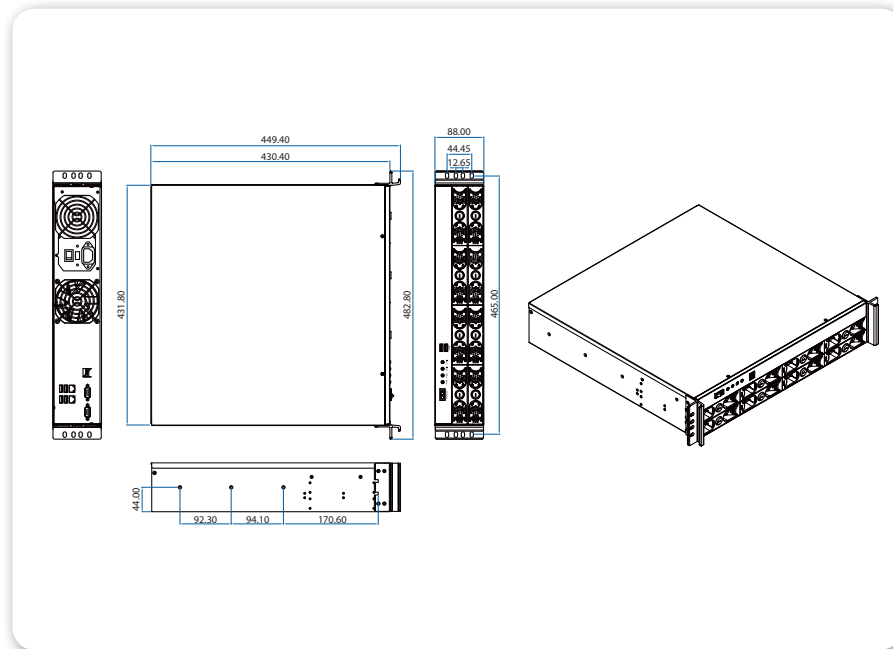
Rear System I/O



Ordering Information

Part Number	CPU Frequency	Description
NSR7800-15LST-A0	1.5 GHz C7®	2U Rackmount Storage Server with 1.5 GHz C7®, 1 PCIe GigaLAN, 1 PCI GigaLAN, 8 SATA trays, 6 USB, CF, Mini PCI, VGA, COM, Onboard TPM, 300W ATX PSU

Dimensions



Packing List

- 2 x Keys for SATA hard drive tray
- 1 x Screw kit