

Embedded Systems

VIA NSD7200

Storage-oriented 2-Bay
Mini-Server Barebone with
C7®-D, GigaLAN, 2 SATA,
Compact Flash SSD

Features

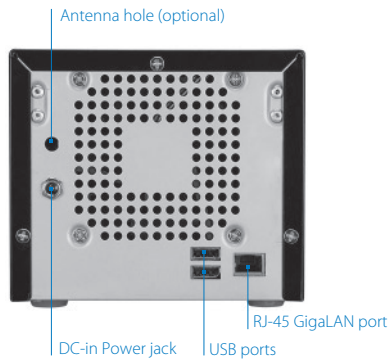
- Small size barebone system design
- Supports one PCIe Gigabit Ethernet
- Supports one bootable Compact Flash slot
- Supports two SATA hard drives
- Supports three USB 2.0 ports
- Low power consumption: 25w max. power consumption (w/o HDD)
- High reliability: With solid capacitors, ball-bearing cooling fans for better MTBF



Specifications

Model Name	NSD7200
Processor	1.5 GHz VIA C7®-D
Chipset	VIA VX800 Unified Digital Media IGP chipset
System Memory	1 x DDR2 533/667 SODIMM socket (up to 2 GB)
VGA	Integrated VIA C-9 HC3 DX9 3D/2D graphics with MPEG-2 and WMV9 decoding acceleration
Onboard Storage Interface	2 x 3.5" SATA (3 Gbps) HDD trays 1 x Bootable Compact Flash socket (supports DMA mode)
LAN	1 x VIA VT6130 PCIe Gigabit Ethernet controller IEEE-802.11b/g (optional module)
Front System I/O Outlet	1 x Power button 1 x USB 2.0 port 1 x Recovery button
Rear System I/O Outlet	2 x USB 2.0 port 1 x Gigabit RJ-45 LAN port
System Indicator	1 x LED for LAN active indicator 2 x Individual HDD status indicator 1 x Power on indicator 1 x HDD active indicator
Power Supply	75 W AC/DC adapter. 100~240V input
Operating System	Windows XP, Windows Vista, Ubuntu 8.04 SUSE Linux Enterprise Desktop 10 with Service Pack 2 Windows Home Server
System Monitoring & Management	Wake-on LAN, Wake-on Alarm Watch Dog Timer, H/W Monitor System power management, AC power failure recovery
System Cooler	1 x 8 cm low-noise ball-bearing fan
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Safety Certificate	CE, FCC, BSMI, CCC
System Dimension	135 mm (W) x 115 mm (H) x 259 mm (D) / 5.3" (W)x 4.5" (H)x 10.2" (D)
System Weight	2.5 kg (w/o HDD)

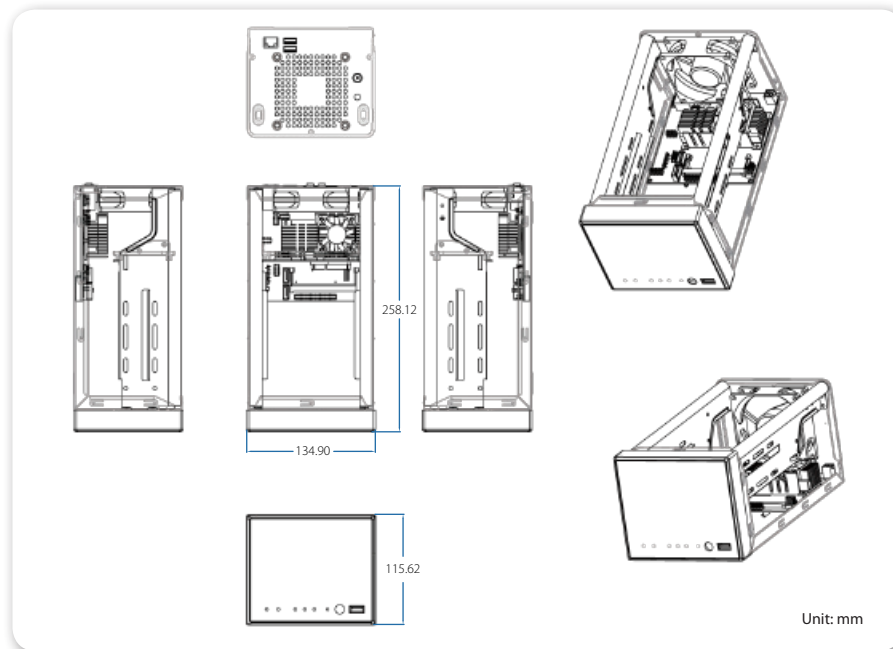
System I/O



Ordering Information

Model Name	CPU Frequency	Description
NSD7200	1.5 GHz C7®-D	Storage-oriented 2-Bay Mini-Server Barebone with C7®-D, GigaLAN, 2 SATA, CF, 3 USB

Dimensions



Packing List

- 1 x NSD7200 barebone system
- 8 x HDD screws
- 1 x Power cord
- 1 x AC/DC adaptor
- 1 x Driver CD
- 1 x Quick installation guide