

## Embedded Systems

NEW

# VIA NSD7800

Tower Storage Server with  
C7<sup>®</sup>-D, GigaLAN, 8 SATA,  
Compact Flash and USB

## Features

- Desktop tower design
- Supports one VIA VT6130 PCIe Gigabit Ethernet
- Supports one Compact Flash type I slot
- Supports eight SATA trays
- Supports four USB 2.0 ports



## Specifications

<b>Part Number</b>	<b>NSD7800-15S00-A0</b>
<b>Processor</b>	1.5 GHz VIA C7 <sup>®</sup> -D
<b>Chipset</b>	VIA CN700 North Bridge VIA VT8251 South Bridge
<b>System Memory</b>	1 x DDR2 400/533/667 DIMM socket Up to 1 GB memory size
<b>On Board Storage Interface</b>	1 x Bootable CF type-I slot (Master/Slave selectable) 8 x SATA (3Gbps) connectors
<b>LAN</b>	1 x VIA VT6130 PCIe Gigabit Ethernet controller
<b>Front System I/O Outlet</b>	1 x Front door 8 x 3.5" SATA HDD trays 1 x Power button 1 x Recovery button
<b>Rear System I/O Outlet</b>	1 x RJ-45 LAN port 4 x USB 2.0 ports
<b>System Indicator</b>	1 x Amber LED for system power-on indicator 1 x Green LED for LAN active indicator 1 x Blue LED for overall HDD active indicator on front panel 1 x Blue LED for HDD active indicator on each tray 1 x Green/red LED for HDD health/fail status indicator on each tray
<b>Power Supply</b>	300W ATX PSU
<b>Operating System</b>	Windows Server 2003/2007, Windows Home Server, Linux
<b>System Monitoring &amp; Management</b>	Wake-on LAN, Wake-on Alarm Watch Dog Timer System power management, AC power failure recovery
<b>Operating Temperature</b>	0°C ~ 45°C
<b>Storage Temperature</b>	-20°C ~ 70°C (90% relative humidity)
<b>Operating Humidity</b>	0% ~ 90% (relative humidity; non-condensing)
<b>Safety Certificate</b>	CE, FCC
<b>System Dimension</b>	34 cm (L) x 34 cm (H) x 15 cm (W)
<b>System Weight</b>	6.5 Kg



\* DDR2 667 MHz memory module can be supported with effective speed at 533 MHz.

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

## Front System I/O



## Ordering Information

Part Number	CPU Frequency	Description
NSD7800-15500-A0	1.5GHz C7®-D	Tower Storage Server with C7®-D, 1 GigaLAN, 8 SATA trays, 4 USB, CF, 300W ATX PSU

## Dimensions

