High Performance NAS Powered by Windows

Windows Storage Server 2008

TeraStation Pro 6 WSS Storage Server provides high performance six hard drive RAID based network storage with the power of a Windows Server operating system. Powered by Microsoft Windows® Storage Server 2008 R2 Workgroup Edition, TeraStation Pro 6 WSS provides seamless capability with Windows computers and servers. The TeraStation Pro 6 WSS incorporates the powerful Intel® Atom™ Dual-Core Processor providing class-leading performance, enabling the ability to focus on concurrent tasks with minimal performance degradation: experience maximum network throughput while a replication job runs in the background or perform fast search indexing while an anti-virus scan is occurring. Additionally, TeraStation Pro 6 WSS supports NTFS for very specific file- level security and Native Active Directory support provides integration with large Windows networks.

WS-6VL/R5

High Capacity NAS
up to 12 TB

High Speed NAS

TeraStation Pro Quad WSS	108 MB/s
TeraStation III	69 MB/s
TeraStation ES	49 MB/s

Simultaneous transfer from 3 PCs. Performance is estimated.

Dual-Core Processor
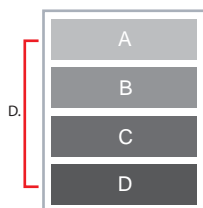
intel Atom inside™
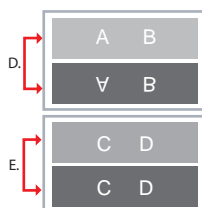

Features and Benefits

- Intel® Atom™ 1.66 GHz Dual Core / 2 GB RAM
- Windows Storage Server 2008 R2 Workgroup Edition
- iSCSI Target and Initiator
- Front loading hot swap hard drives with lockable front panel
- Active Directory support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System), Namespace & Replication support
- Hot swap hard drive trays behind the front panel for easy drive access and replacement
- Improved CPU speed enables faster data transfer
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for load balancing

- Works with VMware and Hyper-V (SAN storage for Virtual Machines)
- Supported RAID levels: 0, 1, 5, JBOD (Individual Disks)
- Large quiet fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation information and disk status
- Windows Server 2008 Server Manager Utility for easy deployment and configuration
- Internet Information Services (IIS) support
- 2 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity
- 10 licenses of NovaBACKUP® Business Essentials v12 Included: Back up 10 Windows PCs, Windows Servers, Exchange or MS SQL databases
- 3-Year Limited Warranty

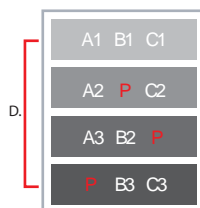---

RAID Support for Maximum Flexibility and Reliability

RAID 0
Striping Mode

A	
B	
C	
D	

D.

RAID 1
Mirroring Mode

A	B
A	B

D.

C	D
C	D

E.

RAID 5
Parity Mode

A1	B1	C1
A2	P	C2
A3	B2	P
P	B3	C3

D.

NovaBACKUP® Business Essentials

NOVABACKUP

NOVASTOR

Comprehensive Backup Solution for up to 10 PCs, Servers or SQL databases

WS-6V6.0TL/R5, WS-6V12TL/R5

SPECIFICATIONS

3 YEAR WARRANTY   **24·7** TECH SUPPORT

LAN Interface

Data Transfer Rates	10 / 100 / 1000 Mbps
Connector Type	RJ-45
Number of Ports	2

Internal Hard Drives

Number of Drives	
Drive Interface	SATA 3 Gb/s
Hard Drive Sizes	1 TB, 2 TB
Total Capacity	6 TB, 12 TB
Supported RAID Levels	0, 1, 5, JBOD (Individual Disks)

USB Interface

Standard Compliance	USB 3.0 / USB 2.0
Number of Ports	2 USB 3.0 / 2 USB 2.0
Data Transfer Rates	5 Gbps* (USB 3.0)
	480 Mbps (USB 2.0)

Protocol Support

Networking	TCP/IP
File Sharing	CIFs/SMB, NFS, IIS, (FTP/FTPS, HTTP/HTTPS)
Directory Integration	LDAP, Active Directory
Management	Remote Desktop Connection (RDP), Terminal Services Client
Time Synchronization	NTP

Other

Dimensions (WxHxD in.)	11.8 x 8.5 x 9.1
Weight (lbs)	21.6 Average
Operating Environment	41-95° (Fahrenheit)
Setup Utility OS Support	Windows® Operating Systems
Client OS Support	Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows® 2000, Windows Server® 2008, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.4 or higher
Power Supply	Internal, AC 100-240V 50/60 Hz

* 5 Gbps is the maximum transfer rate derived from the specifications of the Universal Serial Bus 3.0 and the ExpressCard. Actual transfer rate will vary depending upon environmental factors. Data rate, features and performance may vary based on the configuration of your system and other factors.

1 TB= 1,000,000,000,000 Bytes. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

About Buffalo

www.buffalotech.com

Buffalo Technology (USA), Inc., based in Austin, Texas, is a leading global provider of award-winning networking, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.