

High Performance Business Class Reliable NAS



TS-QVHL/R6

Buffalo's TeraStation Pro™ Quad is a high performance network storage solution ideal for businesses and demanding users looking to implement a RAID based network storage solution for larger networks and business critical applications. With the powerful Intel® Atom™ D510 Dual-Core Processor, TeraStation Pro Quad provides exceptional performance during file transfers and everyday NAS functions. TeraStation Pro Quad runs many services simultaneously and the Dual-Core processor enables the ability to focus on multiple tasks simultaneously 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. TeraStation Pro Quad is packed with business class features such as Active Directory support, disk quota support, share level Replication, dual gigabit Ethernet ports, hot-swap hard drives and USB 3.0 accessory support.

High Capacity NAS

up to 12 TB

High Speed NAS

TeraStation Pro Quad **100 M**

TeraStation III **66 MB/s**

TeraStation ES **62 MB/s**

*Performance is estimated

Dual-Core

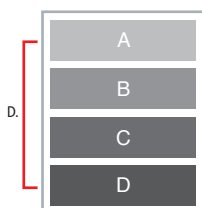


Features and Benefits

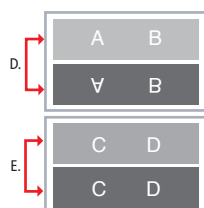
- Intel® Atom™ 1.66 GHz Dual Core / 2 GB RAM
- Front loading hot swap hard drives with lockable front panel
- Active Directory support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System) support
- Easy setup wizard and management through intuitive web interface
- Hot swap hard drive trays behind the front panel for easy drive access and replacement
- NAS configuration tool allows exporting settings to a file for easy, one-click deployment of multiple TeraStations
- Improved CPU speed enables faster data transfer
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for port trunking
- Supported RAID levels: 0, 1, 5, 6, 10, Normal (JBOD)
- Share level replication feature with device failover
- Hot spare enables automatic RAID build in case of a drive failure
- Optional AES-128 bit hard drive encryption
- Large quiet fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation information and disk status
- Built-in FTP server functionality
- BitTorrent Client: Download digital content from the Internet directly to your TeraStation
- DLNA CERTIFIED built-in media server for streaming multimedia content
- 2 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity
- 10 licenses of NovaBACKUP® Business Essentials Backup Included: Back up to 10 Windows PCs, Windows Servers, Exchange or MS SQL databases
- 3-Year Limited Warranty

RAID Support for Maximum Flexibility and Reliability

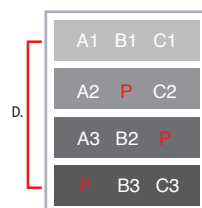
RAID 0
Striping Mode



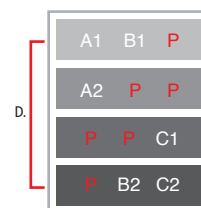
RAID 1
Mirroring Mode



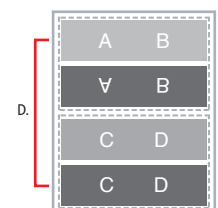
RAID 5
Parity Mode



RAID 6
Double Parity Mode



RAID 10
Striped Mirror Mode



TS-QVH4.0TL/R6, TS-QVH8.0TL/R6, TS-QVH12TL/R6

SPECIFICATIONS



LAN Interface

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

Internal Hard Drives

Number of Drives	4
Drive Interface	SATA 3 Gb/s
Hard Drive Sizes	1.0 TB, 2.0 TB, 3.0 TB
Total Capacity	4.0 TB, 8.0 TB, 12.0 TB
Supported RAID Levels	0, 1, 5, 6, 10, Normal

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, AFP, HTTP/HTTPS, FTP/FTPS/SFTP, NFS
Directory Integration	LDAP, Active Directory
Management	HTTP/HTTPS
Time Synchronization	NTP

Other

Dimensions (WxHxD in.)	6.7 x 8.5 x 9.1
Weight (lbs)	17.6 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 - 10.7**
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.

** Only basic hard drive functionality is supported with this operating system; some utilities may not work.

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.