

TeraStation™ ES



Buffalo TeraStation™ ES is an affordable larger capacity NAS device with robust RAID 5 capability. With high speed transfer rates of up to 62MB/s, and with the redundancy of four separate hard drives in RAID 5 or RAID 1 modes, even if a hard drive fails, your data is safe. With Hot Swap and Hot Spare functionality, if a drive does fail, the TeraStation ES switches the failed drive to a spare drive, enabling you to safely remove and replace without losing any data, or down time. The replication function allows the connection of a second TeraStation to one of the LAN ports and replicates the data to improve reliability, fault tolerance or accessibility. The perfect solution for the home office or small business, that requires larger capacity, easy-to-deploy, easy-to-manage, redundant network attached storage.

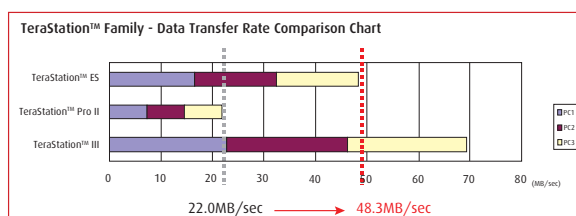
- | **High Speed: Up to 62MB/s high speed data transfer rate**
- | **RAID combined with Realtime Back-up Replication Function allows for reliability with fast recovery from hard drive failures**
- | **Easy setup: a clear LCD status display and an intuitive Web interface means the units are simple to install and easy to manage**
- | **Resilient: Replace faulty hard drives with the Hot Swap functionality without powering down**
- | **Dual Ethernet connectivity supports port trunking**
- | **Dual USB for greater flexibility**



TeraStation™ ES
TS-XE/R5-EU

Key Specifications

- Fully populated device, with 4 bays and 4 drives
- High-Speed - Up to 62MB/s high-speed data transfer rate
- Supports RAID level, 0, 1, 5, 10 and Standard
- Active Directory Support - simplify the management of each TeraStation
- RAID combined with Realtime Back-up Replication Function allows for reliability with fast recovery from hard drive failures
- Hot Swap - Replace faulty hard drives without interruption of work
- Hot-Spare - Switch failed drive to a spare drive automatically to support redundancy
- Dual Ethernet supports port trunking
- Back-up data held on attached USB hard drives or other Buffalo NAS via the USB ports
- Disk Encryption
- Logging access function
- Quota Management – prevent misuse of disk space by allocating the right amount of space by user
- Supports NFS – can be mapped from UNIX so that a wide range of users can access the drives
- Supports Apple Time Machine
- Schedule Power Management System - for flexible power management, save up to 66%, reduce CO₂ omissions. Automatically turns on and shuts down with PC
- PC Interlocking Power Management System
- WebAccess – allows you to store, share and access files from any web browser via PC, Mac or iPhone
- In-Built DLNA CERTIFIED™ media server
- In-Built BitTorrent™ Client
- Seamlessly integrates with iTunes® and allows you to access your music files on the TeraStation from your iTunes software
- Supports UPS connectivity via USB port
- In-Built print server
- LCD Status Display and intuitive web interface
- Two 10/100/1000 Gigabit Ethernet ports
- Two USB ports
- Supported OS: Windows Server 2003/2008, Windows® Vista™, Windows® XP, Windows® 7 (32/64bit), Windows® 2000 (32bit), Windows Media Center 2004/2005, Mac OSX 10.3.9 or higher
- Includes NovaBACKUP® Business Essentials with 10 licenses - protects data on servers locally or online. Regardless of theft, user error or hardware failure NovaBACKUP® protects and restores your data.



SPECIFICATIONS

Internal HDD	
HDD Interface	SATA
Supported RAID Levels	0, 1, 5, 10 and Standard
Capacities	500GB, 1.0TB, 1.5TB, 2.0TB
Number of Drives	4
Total Capacities	2.0TB, 4.0TB, 6.0TB, 8.0TB
Interfaces	
LAN	
Standard Compliance	IEEE802.3ab / IEEE802.3u / IEEE802.3 Standard
LAN Port Connector	RJ-45
Number of LAN Ports	2
Data Transfer Rate	10/100/1000Mbps
USB	
Standard Compliance	USB 2.0
Connector Type	USB type A
Number of Ports	2
Data Transfer Rate	Max: 480Mbps (High Speed Mode) Max: 12Mbps (Full Speed Mode)
Protocol Support	
Networking	TCP/IP
File Sharing	SMB/CIFS, AFP, FTP/FTPS, HTTP/HTTPS, SFTP, NFS
Active Directory Integration	Kerberos
Management	HTTP/HTTPS
Time Synchronisation	NTP
Other	
Set-up Utility OS Support	Windows Server 2003/2008, Windows® Vista™, Windows®XP, Windows® 7 (32/64 bit), Windows® 2000 (32bit), Windows Media Center 2004/2005, Mac OSX 10.3.9 or higher
Dimensions (WxDxH)	215 x 170 x 230mm
Weight	8Kg
UPS Support	via USB 2.0 Port
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Avg 60W, Max 86W
Power Supply	Internal AC 100-240V, 50/60Hz

Part Numbers

TS-XE2.0TL/R5EU 2.0TB
 TS-XE4.0TL/R5EU 4.0TB
 TS-XE6.0TL/R5EU 6.0TB
 TS-XE8.0TL/R5EU 8.0TB



Note: 1TB = 1,000,000,000,000 bytes: total accessible capacity varies depending on operating environment. Data rate, features and performance may vary based on the configuration of your system and other factors.

About Buffalo

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, 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.

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