BUFFALO™

Fast, Secure Backup Storage with RAID.

- Four High Speed 7200 RPM Hard Drives
- Hardware RAID Support
- TurboUSB and eSATA Connectors
- 2U 19" Rack Mountable
- Available in 1.0TB and 2.0TB

USB 2.0 eSATA | **PRE FORMATTED** HARD DRIVE | **PLUG -n- PLAY** | **AUTO POWER ON/OFF** | **7200 RPM** SATA

Your Choice of Connection

TURBO USB
or
eSATA

Up to 100 MB/s Transfer Speed!

Free eSATA bracket for Your PC

Memeo™ AutoBackup

Automatically Backs up Your Files from Your PCs and Macs

Features and Benefits

High Performance
- Four High Speed 7200 RPM SATA Hard Drives
- Extremely High Data Transfer Rates through eSATA
- Windows® and Mac OS® X RAID Utility for RAID Maintenance Modes

Hardware RAID Support
- Hardware RAID Controller for Increased Performance
- RAID 0, 1, 5, Standard and Spanning
- Automatic RAID Rebuilding

Simple Install and Management
- 2U 19" Rack Mountable
- Auto Setup eliminates the need for drivers
- Auto Power turns the DriveStation On and Off with your Computer

- USB 2.0 and eSATA Connectors
- Pre-formatted for immediate use
- Minimal Power Consumption and Very Silent Operation
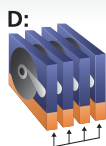
Secure Backup Solution
- SecureLockWare™ software for Windows® PCs encrypts your data and prevents unauthorized access
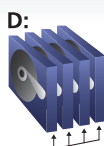- Memeo™ AutoBackup Software for PCs and Macs Included

Secure Lock Ware
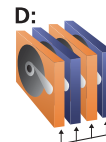

Four Operating Modes for Maximum Flexibility
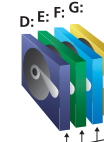
RAID 5 Parity Mode:
D:

RAID 0 Striping Mode:
D:

RAID 1 Mirroring Mode:
D:

Standard Mode (JBOD):
D: E: F: G:

Standard USB vs. TurboUSB vs. eSATA

TURBO USB

7200 RPM SATA HDD with eSATA			
7200 RPM SATA HDD with TurboUSB			
7200 RPM SATA HDD			

20 MB/s   40 MB/s   60 MB/s   80 MB/s
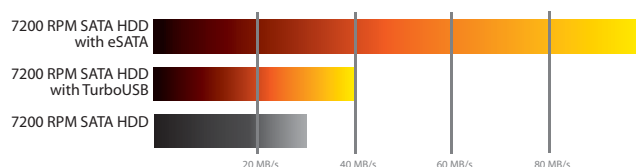
Throughput Rates up to 100MB/s

HD-RQS1.0TSU2/R5, HD-RQS2.0TSU2/R5

Specifications

2 YEAR WARRANTY

Internal Hard Drives

Number of Drives	4
Hard Drive Sizes	250 GB, 500 GB
Total Capacity	1.0 TB, 2.0 TB
Rotational Speed	7200 RPM
Supported RAID Levels	0, 1, 5, Standard, Spanning

Interface

Standard Compliance	USB 2.0 / eSATA
Connectors	1 x USB Series B / 1 x eSATA
Data Transfer Rates	Max. 1.5 Gbps (eSATA Mode)
	Max. 480 Mbps (USB 2.0 Mode)
	Max. 12 Mbps (USB 1.1 Mode)

Others

Power Consumption (Watts)	Max. 86W, Ave. 40W
Power Supply	Internal, AC100 -230V, 50/60 Hz
Operating Environment (Fahrenheit)	0-45°C, 20% non-condensing
Dimensions (WxHxD)	430 x 430 x 90 mm
Rackmount Height	2U
Weight (lbs)	10 Kg (approx)
Client OS Support	Windows® Vista™, Windows®XP, Windows®2000, Windows® Server 2003
	Mac OS® X or later

1 TB = 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.

Specifications and appearance are subject to change without notice.

About Buffalo

www.buffalotech.com

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