

DataTale 1U-RACK 4-Bay Rack Mount System

Rackable & Raidable

- Supports current SATA II compliant HDDs
- Connects flexibly via USB 2.0, eSATA, and FireWire 800 ports
- Provides JBOD (None RAID), RAID 0 (Striping), RAID 1 (Mirroring), Span (Large), Clone, RAID 5, RAID 1+0, and optional HotSpare for effective storage management
- Supports automatic rebuild under RAID 1+HotSpare, Clone+HotSpare, and RAID 5+HotSpare.
- Configures RAID modes easily using RAID MASTER, no IT expertise required
- Monitors system status via LED indicators, Buzzer-sounded Alert Alarm, or RAID MASTER
- Provides optimal heat dissipation via aluminum housing and nickel-plated metal HDD Drive Trays
- Maximizes airflow with 3 silent fans and simplified mechanical designs
- Supports effortless HDD hot-plug and hot-swap
- Supports both online and offline rebuild
- Includes accessible yet convenient rack Unit, along with optional Guide Rail Set(s)
- Features lockable yet removable HDD Drive Trays for security and simple system access



RK-14TJ USB 2.0/eSATA/1394b

The **DataTale RK-14TJ**, triple interfaced 1-U rack is designed to meet storage capacity expansion, optimize performance and manageability demands; while delivering reliability and flexibility for price-sensitive users. Its RAID features, power supply, system alert, and space optimizations make it perfect for professionals, SOHO, small/medium businesses looking for a reliable, compact solution to expand the storage of their workstations, Xserves or departmental servers.

The **DataTale 1U-RACK** engineers a set of S.M.A.R.T. (Self-Monitoring, Analysis, Reporting and Technology) System to alert immediate system status via visual, audio, and technical methods! Of course, the express speed support and flexible connections (USB2.0/eSATA/FireWire800), the incredible storage capacity (up to four 3.5" SATA HDDs), and the secure data power (advanced RAID functions) make this industrial housing full-featured!



The **DataTale 1U-RACK** is controlled by RAID MASTER (GUI), guaranteeing no expertise in IT is required. It can be configured for JBOD (None RAID), RAID 0 (Striping), RAID 1 (Mirroring), Span (Large), Clone, RAID 5, RAID 1+0. There are optional back-up settings available to perform automatic, online or offline rebuild under Raid 1+HotSpare, Clone+HotSpare, and RAID 5+HotSpare for efficient yet protective storage management. In addition to RAID MASTER, one can also observe the **1U-RACK** via its LED indicators, or be warned when the buzzer-sounded Alert Alarm sounds!



GUI operation for RAID modes



Hot Swappable Drive Tray

The **RK-14TJ's** aluminum housing plus nickel-plated metal HDD Drive Trays create an optimal heat dissipation environment, 3 silent fans give maximized airflow to cool the hot HDDs during long operation hours, and simplified mechanical design (lockable yet removable HDD Drive Trays) to sustain natural HDD hot-swap or hot-plug motions for easy faulty-drive replacements!

Specifications

Model	RK-14TJ	
HDD support	3.5" SATA HDD	
RAID Level	JBOD (None RAID), RAID 0 (Striping), RAID 1 (Mirroring), Span, Clone, RAID 5, RAID 10 (1+0), and optional HotSpare	
Connectors	USB 2.0 x 1; eSATA x 1; 1394b x 2	
LED Indicator	Power / Connection / Health / Access / Rebuild / RAID / Fan Alerts	
Power Supply	Input: AC 100~240V; Output: DC +12V/16A; +5V/16A	
FAN	Quantity: 3; Dimension: 40 x 40 x 20 mm Speed: 7200 R.P.M +/-10%; Noise: 36.3 dB(A) max	
Dimension	430 (L) x 425 (W) x 44.5* (H) mm	*1U Standard
Weight	6.3 KGS	

Specifications are subjected to change without notice

System Requirements

- PC**
1GHz or faster CPU
256MB of RAM
Microsoft Windows 2000, XP, 2003, Vista, 2008, WIN7 or higher
- MAC**
PowerPC or Intel Processor
256MB of RAM
Mac OS X 10.4 or higher
One available USB 2.0, eSATA, or 1394b port

