

# DataTale™ 1U 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



The DataTale 1U Rack Mount comes with triple interfaces - 1394b, USB 2.0, and eSATA. It is designed to meet any data storage expansion needs for rack systems while allowing optimized performance and user-friendly management capabilities. The 1U Rack Mount System is engineered with a set of S.M.A.R.T (Self-Monitoring, Analysis, Reporting and Technology) System to provide immediate system status via visual, audio, and technical methods. Multicolored LED indicators and Sound Alarm keep users informed of the progress of each operation or any urgent matters.



GUI operation for RAID modes

The 1U Rack Mount System is managed by the RAID MASTER to guarantee that no expertise of IT knowledge is required. It can be configured for JBOD, RAID 0 (Striping), RAID 1 (Mirroring), Span, Clone, RAID 5, RAID 1+0. There are also optional back-up settings available to perform automatic online or offline rebuild under Raid 1+HotSpare, Clone+HotSpare, and RAID 5+HotSpare for an efficient yet protective storage management. With the help of RAID Master, price-sensitive users can expect a high-quality rack system with reliable and flexible RAID features. It is perfect for all professionals looking to expand their workstations via Xserves or departmental servers; just connect, setup and begin!

The DataTale 1U Rack Mount's aluminum housing with nickel-plated metal HDD Drive Trays create an optimal heat dissipation environment. The three silent fans grants maximized internal airflow for excellent heat dissipation during long operation hours; and the simplified mechanical design (lockable HDD Drive Trays with release lever) makes the product a satisfying company!



Lockable HDD Drive Tray

This new 1U Rack Mount System is an accessible yet convenient rack unit, which can be installed with any optional Guide Rail Set(s) onto a standard-sized (19-inch) or extended-length (23-inch plus) server rack utilizing. By providing triple interfaces, multipurpose RAID modes, RAID Master GUI, Sound Alarm, LED Indicators, as well as lockable yet removable HDD Drive Trays, the DataTale 1U Rack Mount makes data storage expansion as painless as possible!

LED Panel of Power/FAN/RAID Status



HDD LEDs



### Specifications

HDD support	3.5" SATA HDD
RAID mode	JBOD (Non 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

