



The **EliteRAID ER316UT+B** is a 3U 16-bay rackmount with USB 2.0 / eSATA interfaces (up to 200MB/s), and embedded hardware RAID 6 engine. The hardware RAID feature offloads complex RAID calculations from the client's operating system to the RAID engine, which increases the overall read/write performance and eliminates OS compatibility issues. The built-in Web GUI management interface and event notification with SMTP E-mail and SNMP trap allow administrators to monitor unit status remotely via web browser without the need for additional software. In addition to RAID 5, Mirroring (RAID 1) and Striping (RAID 0), the ER316UT+B also supports RAID 6 to protect stored data against up to two hard drive failures. JBOD is supported via port multiplier and allows drives to be accessed individually. Utilizing SATA I, II and SATA III drive interfaces, the ER316UT+B is guaranteed to achieve the high performance with fail-safe file protection.



## Highlights

- Dedicated RAID engines I/O processor.
- Hardware RAID to eliminate OS compatibility and increase overall performance.
- Supports RAID 0, 1, 1+0, 3, 5, 6, JBOD with hot spare disk.
- USB 2.0 and eSATA interfaces; providing up to 200MB/s in performance.
- Supports the latest 4TB hard drives; up to 64TB in a single volume.
- Over 2TB volume supported.
- Supports online RAID migration and online storage RAID capacity expansion to eliminate access downtime.
- Up to 8 different RAID volumes.
- Built-in HTTP web GUI management. No additional software required.
- Event notification via E-mail and SNMP trap.
- Serial port and LCD management is provided when HTTP web GUI is unavailable.

- Built-in redundant power supply for protection against power supply failure.

## Specifications

### HDD Trays

16 Hot-Swappable 3.5"

### RAID Level

0, 1, 1+0, 3, 5, 6, JBOD

### Maximum Capacity

64 TB

### Maximum RAID Volumes

8

### Auto Rebuilding

Yes

### Hot-Spare

Yes

### Host Interface

USB 2.0 & eSATA

### Drive Interface

SATA I, II and 6G SATA III

### Cooling Fan

4" Cooling fan \* 2, 1.5" Cooling fan \* 3 from Power Supply

### Power Supply

Redundant 650W Power Supply \* 3

### Control Interface

Web-based management, Serial Port or LCD

### Status Indicator

Hard Drive & Failure LEDs

### Dimension (in) & Weight (lb)

5.25" H x 19" W x 23" D & 46.0 lbs

### Safety Regulations

CE, FCC, UL, RoHS

### Limited Warranty

3 Years