



Platinum Hard Disk Drive

The fastest and most efficient SATA drive.



The Platinum HDD is faster, more efficient, and lasts longer than traditional hard drives, while avoiding the pitfalls of other hybrid drive technologies. This HDD guarantees written data without any chance of data loss, making it the ideal HDD for enterprise-level applications that require a high number of transactions, such as financial applications.

The Platinum HDD uses integrated RAM, UPS, and a DTS-custom developed chip to significantly improve hard disk performance. Plus, the Platinum HDD instantly integrates into any system utilizing a SATA interface.

Key Advantages

Performance

- 10-100 times the transaction performance of traditional HDD

Efficiency

- Uses 1/3 less energy than traditional 3.5" HDD
- Provides up to 8 times the data throughput of conventional HDD

Data Integrity

- Includes a UPS within each unit to ensure your data is safe in the event of a power failure

Durability

- Lasts up to 30% longer than regular HDD

Integration

- No new application software needed
- Compatible with any OS that supports SATA (Windows, Mac, Unix, Linux)
- Can be used in conjunction with regular HDDs

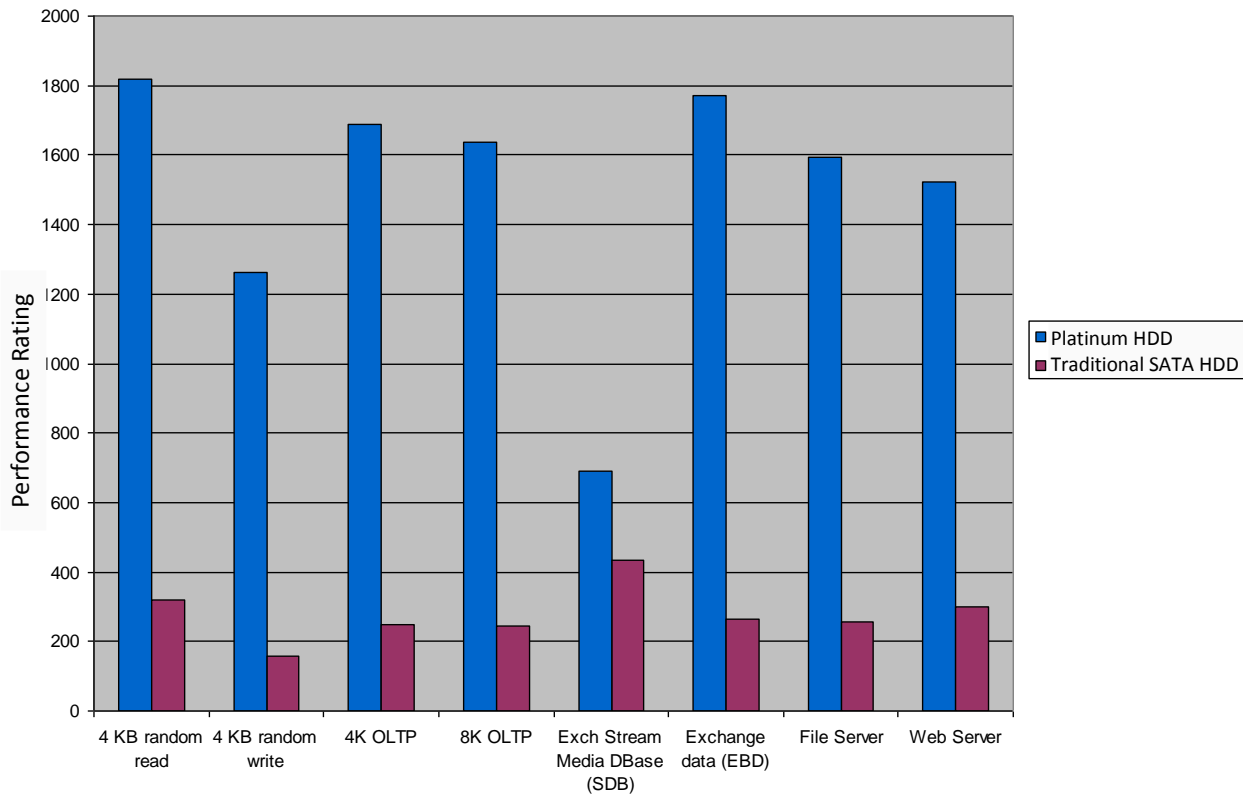
Platinum HDD versus Hybrid Drives

Regular Hybrid Drives use flash solid-state memory; the Platinum uses RAM. Flash memory wears out after 100k write operations. At this rate, using your hard drive 24 x 7, the drive would wear out after less than 2 years. By using RAM instead of Flash based memory, the Platinum has no limit on write operations.

Flash based hybrid drives risk losing critical data during a power failure. The 90-second UPS built-in to the Platinum guarantees that your data will be completely written to the hard disk.

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Platinum HDD vs. Traditional SATA Performance



Specifications

Interface	Serial ATA
Capacity	80/120/200 GB
Spindle Speed	5400/7200 RPM
SD RAM Cache Size	1 GB
Cache Policy	Write-back after charged UPS Write-through before charged
Transfer Rate	110MB/s (64KB sustained)
Reliability	30% better than traditional HDD
UPS	Capacitors, unlimited life
UPS charge	90 sec.
Power Consumption (idle/load)	7 watt/14 watt
Warranty	3-5 years



Certified Partner

About the Company

DTS is engaged in leading the development of cutting-edge technologies and has a proven record of successful implementation both domestically and internationally. Right from the beginning we have been a symbol of creativity and quality.

Data Transmission Technology (DTS) controls data layers between storage and memory. DTS systems perform 10-100 times better than standard networks and data transaction systems.

Reference Customers

