



WD Se

Datacenter Capacity HDD

Optimal storage for NAS
and scale-out architectures

Cost-effective

24x7x365 reliability

Maximum capacity



WD Se datacenter capacity HDD is an ideal solution for scale-out architectures, delivering a cost-effective combination of performance, reliability, and workload capability, while maintaining the hardiness of a true enterprise-class design. WD Se is best suited for bulk cloud storage, replicated environments, content delivery networks (CDNs), large-scale network attached storage (NAS), backup and archiving.





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Product Features

A pedigree in enterprise

WD is one of the storage industry's pioneers and long-time leaders, has a rich history of manufacturing reliable enterprise storage at an affordable cost. Built on a time-tested platform, currently in its 6th generation, with over 28 million terabytes of enterprise-class storage shipped*, WD understands reliable high-quality products are the backbone of your datacenter investment.

**Quantity shipped reflected as of March 2013.*

RAID-specific, time-limited error recovery (TLER)

Prevents drive fallout caused by the extended hard drive error-recovery processes common to desktop drives.

Designed for quality and reliability

All drives undergo at least 5 million hours of functional testing, and over 20 million hours of additional testing under actual workloads in actual server and storage systems.

StableTrac™

The motor shaft is secured at both ends to reduce system-induced vibration and stabilize platters for accurate tracking during read and write operations.

Multi-axis shock sensor

Automatically detects the subtlest shock events and compensates to protect the data.

RAFF rotational vibration cancellation technology

Enhanced Rotary Acceleration Feed Forward (RAFF™) technology includes sophisticated electronics to monitor the drive and correct both linear and rotational vibration in real time.

The result is a significant performance improvement in high-vibration environments over the previous generation of drives.

Dual processor

Twice the processing power to maximize performance.

Dynamic fly height technology

Each read-write head's fly height is adjusted in real time for optimum reliability.

Dual actuator technology

A head positioning system with two actuators that improves positional accuracy over the data track(s). The primary actuator provides coarse displacement using conventional electromagnetic actuator principles. The secondary actuator uses piezoelectric motion to fine tune the head positioning to a higher degree of accuracy.

Thermal extended burn-in test

Each drive is put through extended burn-in testing with thermal cycling to ensure reliable operation.

Product Specifications

INTERFACE

SATA 6 Gb/s

FORM FACTOR

3.5-inch

SPIN SPEED

7200 RPM

CACHE

64 MB

MODELS

WD4000F9YZ
WD3000F9YZ
WD2000F9YZ

CAPACITIES

4 TB
3 TB
2 TB

MTBF

800,000 hours

LIMITED WARRANTY

5 years