



WD VelociRaptor®

10,000 RPM SATA Hard Drives

**Bigger. Faster.
Hungrier.**

Killer speed

Monstrous capacity

Rock-solid reliability

WD VelociRaptor hard drives deliver maximum speed and reliability for performance enthusiast systems, workstations, and low-end servers. With a superbly engineered combination of 10,000 RPM spin speed, SATA 6 Gb/s interface and a 32 MB cache, these drives are truly an evolution in performance.



PUT YOUR LIFE ON IT®



WD VelociRaptor

10,000 RPM SATA Hard Drives



Product Features

Killer speed

With up to SATA 6 Gb/s interface and 32 MB cache, next generation 10,000 RPM WD VelociRaptor drives are up to 15% faster than the award-winning previous generation (HLFS models).

Monstrous capacity

WD VelociRaptor SATA drives are available in capacities up to 600 GB, double the capacity of the previous generation (HLFS models).

Rock-solid reliability

Designed and manufactured to mission-critical enterprise-class standards to provide enterprise reliability in high duty cycle environments. With 1.4 million hours MTBF, these drives have the highest available reliability rating on a high capacity SATA drive.

IcePack™ mounting frame

The 2.5-inch WD VelociRaptor is enclosed in a backplane-ready 3.5-inch enterprise-class mounting frame with a built-in heat sink that keeps this powerful little drive extra cool when installed in high-performance desktop chassis.

Ultra-cool operation

Consumes less idle power and uses similar active power as the previous generation WD VelociRaptor, while offering double the capacity and higher performance.

Rotary Acceleration Feed Forward (RAFF™)

Optimizes operation and performance when the drives are used in vibration-prone, multi-drive chassis.

NoTouch™ ramp load technology

The recording head never touches the disk media ensuring significantly less wear to the recording head and media as well as better drive protection in transit.

Environmentally conscious

In addition to being ROHS compliant, this generation of WD VelociRaptor is also a halogen-free design.

Product Specifications

INTERFACE

SATA 3 Gb/s (HLFS models)
SATA 6 Gb/s (HLHX models)

MODELS

WD1500HLFS
WD3000HLFS
WD4500HLHX
WD6000HLHX

FORM FACTOR

3.5-inch
(2.5-inch hard drive in a 3.5-inch mounting frame)

CAPACITIES

150 GB
300 GB
450 GB
600 GB

SPIN SPEED

10,000 RPM

LIMITED WARRANTY

5 years

CACHE

16 MB (HLFS models)
32 MB (HLHX models)

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As used for storage capacity, one megabyte (MB) = one million bytes, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (MB/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.

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