

WD VelociRaptor™ SATA Hard Drives

Killer Speed
Rock-solid Reliability
5-year Limited Warranty



Ideal for performance enthusiast systems, workstations and servers.



The Fastest SATA Drive in the Known Universe.

Engineered for maximum speed! WD VelociRaptor, the newest member of our unique class of 10,000 RPM SATA hard drives, combines a SATA 3 Gb/s interface and 16 MB cache to deliver performance that's up to 35% faster than its speedy older brother, WD Raptor®.

- **Killer speed** – Built on the performance bloodlines of WD Raptor, this 10,000 RPM drive delivers mind-bending performance. Not only is it 35% faster than the previous generation WD Raptor drives, but it also beat out all other competitors in the field.
- **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, this drive has the highest available reliability rating on a high capacity SATA drive.
- **Double the capacity** – State-of-the-art technology packs twice the capacity per disk compared to its older brother WD Raptor resulting in up to 300 GB of high-performance storage space in this enterprise-class drive.

WD VelociRaptor SATA Hard Drives



Interface

SATA 3 Gb/s

Product Specifications

Form Factor: 3.5-inch
Spin speed: 10,000 RPM
MTBF: 1.4 million hours

System Compatibility

Windows® Vista/XP/2000
SATA interface connector on motherboard or SATA host controller.

Available 3.5-inch internal drive bay

Compatibility may vary depending on user's hardware configuration and operating system.

Key Features

Ultra-cool operation – WD VelociRaptor consumes 35% less power than the previous generation of WD Raptor.

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.

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.

Capacities and Model Numbers

150 GB	WD1500HLFS
300 GB	WD3000HLFS

Limited Warranty

5 years



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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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