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WD VelociRaptor 300GB (10,000rpm) SATA 6 Gb/s 32MB Cache 2.5 inch Hard Drive



Western Digital VelociRaptor 450GB (10,000rpm) SATA 6 Gb/s 32MB Cache 2.5 inch Hard Drive.

WD VelociRaptor drives offer an ultra-fast 32 MB cache and SATA 6 Gb/s interface and twice the capacity of previous generations. With low power consumption and cool operation these 2.5-inch drives are perfect for blade servers, workstations, and low-end servers.

Warranty	5 years Limited
Drive Interface	SATA 6Gb/s
Disk Size	2.5 Inches
Disk Capacity	300GB
Disk Speed	10000RPM
Enclosure type	Internal
Dimensions	10.16cm (W) x 14.7cm (D) x 2.61cm (H) - Weight 0.49kg

Features

- * **Killer speed** - SATA 6 Gb/s interface and 32 MB cache enhance the next generation 10,000 RPM WD VelociRaptor making it up to 15% faster than the award-winning previous generation
- * **Monstrous capacity** - WD VelociRaptor SATA drives are available in capacities up to 600 GB, double the capacity of the previous generation
- * **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
- * **Ultra-cool operation** - Consumes no more power than 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



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Specification

General

Western Digital VelociRaptor 450GB (10,000rpm) SATA 6 Gb/s 32MB Cache 2.5 inch Hard Drive.

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General

Warranty 5 years Limited

Hard Disk

Drive Interface	SATA 6Gb/s
Disk Size	2.5 Inches
Disk Capacity	300GB
Disk Speed	10000RPM
Data Buffer/RAM	32MB

Performance

Seek Time (Track to Track)	0.4ms
Average Latency	3.0ms

Electrical

Power Requirement Idle (Ready) 4.3Watts

Environmental

Acoustics (Seek Mode) 34dB



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Acoustics (Idle Mode)	27dB
Operating Temperature	5 to 55C
Non Operating Temperature	-40 to 70C
Relative Humidity	5 to 95%
Vibration (Operating)	Linear 20-300 Hz, 0.75G (0 to peak) Random 10-300 Hz, 0.008 g2 / Hz
Vibration (Non-Operating)	Low Frequency: 10-300 Hz, 0.05gHz
Shock (Operating)	30Gs for 2ms
Shock (Non Operating)	300Gs for 2ms
Altitude (Operating)	-305 to 3,050m
Altitude (Non-Operating)	-305 to 12,200m

Physical

Enclosure type	Internal
Colour	Black
Dimensions	10.16cm (W) x 14.7cm (D) x 2.61cm (H) - Weight 0.49kg



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?