

# Drive Specifications

	40 GB	60 GB	80 GB	120 GB	160 GB	250 GB	320 GB
Formatted capacity <sup>1</sup>	40,020 MB	60,022 MB	80,026 MB	120,034 MB	160,041 MB	250,059 MB	320,072 MB
User sectors per drive	78,140,160	117,210,240	156,301,488	234,441,648	312,581,808	488,397,168	625,142,448
WD model number							
<b>SATA</b>							
8 MB cache buffer	WD400BEVS	WD600BEVS	WD800BEVS	WD1200BEVS	WD1600BEVS	WD2500BEVS	WD3200BEVS
2 MB cache buffer	WD400BEAS*	WD600BEAS*	WD800BEAS*				
<b>EIDE</b>							
8 MB cache buffer	WD400BEVE WD400VE**	WD600BEVE	WD800BEVE	WD1200BEVE WD1200VE**	WD1600BEVE	WD2500BEVE	
2 MB cache buffer	WD400BEAE* WD400UE**	WD600UE**	WD800BEAE* WD800UE**	WD1200BEAE* WD1200UE**			

\* Built to order only. Please contact your local WD Sales Manager for details.

\*\* Product is end-of-life, but may be available from selected distributors.

## SATA Hard Drives

Bytes per sector (STD)	512
Form factor	2.5-inch
Interface	SATA 1.5 Gb/s
Interface (320 GB only)	SATA 3 Gb/s
RoHS compliant <sup>2</sup>	Yes

## EIDE Hard Drives

Bytes per sector (STD)	512
Form factor	2.5-inch
Interface	44-pin EIDE
RoHS compliant <sup>2</sup>	Yes

# Performance Specifications

## SATA Hard Drives

Average latency	5.5 ms
Cache	
Read	Adaptive
Write	Yes
Data transfer rate	
Buffer to disk	850 Mbits/s (maximum) <sup>3</sup>
Buffer to host	1.5 Gb/s (maximum)
Buffer to host (320 GB only)	3 Gb/s (maximum)
Drive ready time	4.0 sec (average)
Error rate (non-recoverable)	<1 in 10 <sup>14</sup> bits read
Rotational speed	5400 RPM
Seek time	
Full stroke read	21.0 ms (average)
Read	12.0 ms (average)
Track-to-track	2.0 ms (average)
Load/unload cycles <sup>5</sup>	600,000

## EIDE Hard Drives

Average latency	5.5 ms
Cache	
Read	Adaptive
Write	Yes
Data transfer rate (buffer to host)	
Mode 5 Ultra ATA <sup>4</sup>	100 MB/s
Mode 4 Ultra ATA <sup>4</sup>	66.6 MB/s
Mode 2 Ultra ATA <sup>4</sup>	33.3 MB/s
Mode 2 Ultra DMA <sup>4</sup>	16.6 MB/s
Mode 4 Ultra PIO <sup>4</sup>	16.6 MB/s
Buffer to disk	500 Mbits/s (maximum) <sup>3</sup>
Drive ready time	4.0 sec (average)
Error rate (non-recoverable)	<1 in 10 <sup>14</sup> bits read
Rotational speed	5400 RPM
Seek time	
Full stroke read	21.0 ms (average)
Read	12.0 ms (average)
Track-to-track	2.0 ms (average)
Load/unload cycles <sup>5</sup>	600,000

## Limited Warranty<sup>6</sup>

Limited warranty	3 years
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