

Specs	10TB	8TB	6TB	5TB	4TB	3TB	2TB	1TB
<b>Model Number</b>	WD100EJRX	WD80EJRX	WD60EJRX	WD50EJRX	WD40EJRX	WD30EJRX	WD20EJRX	WD10EJRX
Formatted capacity	10TB	8TB	6TB	5TB	4TB	3TB	2TB	1TB
Form factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Advanced format (AF)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RoHS compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Performance</b>								
Interface transfer rate (max) <sup>2</sup> Buffer to host Host to/from drive (sustained)	6 Gb/s 210 MB/s	6 Gb/s 178 MB/s	6 Gb/s 175 MB/s	6 Gb/s 170 MB/s	6 Gb/s 150 MB/s	6 Gb/s 145 MB/s	6 Gb/s 145 MB/s	6 Gb/s 110 MB/s
Cache (MB) <sup>2</sup>	256	128	64	64	64	64	64	64
Performance class	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM
<b>Reliability/Data Integrity</b>								
Load/unload cycles	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Operating (W)	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>	<1 in 10 <sup>14</sup>
Limited warranty (years)	3	3	3	3	3	3	3	3
<b>Power Management</b>								
Average power requirements (W)								
Read/Write	6.2	6.4	5.3	5.3	5.1	4.4	4.4	3.3
Idle	5.0	5.7	4.9	4.9	4.5	4.1	4.1	2.9
Standby and Sleep	0.5	0.7	0.4	0.4	0.4	0.4	0.4	0.4
<b>Environmental Specifications</b>								
Temperature (°C, on the base casting) Operating Non-operating	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70	0 to 65 -40 to 70
Shock (Gs)								
Operating (2 ms, read/write)	30	30	30	30	30	30	30	30
Operating (2 ms, read)	65	65	65	65	65	65	65	65
Non-operating (2 ms)	250	250	250	250	250	250	250	250
Acoustics (dBA) <sup>13</sup>								
Idle	20	20	25	25	25	23	23	21
Seek (average)	29	29	26	26	26	24	24	22
<b>Physical Dimensions</b>								
Height (in./mm, max)	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1	1.028/26.1
Length (in./mm, max)	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147	5.787/147
Width (in./mm, ± .01 in.)	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6	4/101.6
Weight (lb/kg, ± 10%)	1.43/0.65	1.43/0.65	1.65/0.75	1.65/0.75	1.50/0.68	1.40/0.64	1.40/0.64	0.99/0.45