

Which Solid State Drive is right for you?



WD SiliconEdge™ Blue™



WD SiliconDrive® N1x



WD SiliconDrive III

Primary Usage	Ideal for high-speed read-intensive client and computer applications.	Perfect for demanding applications requiring high performance and 24/7 reliability.	Excellent for industrial applications mandating high endurance, extended temperatures and long life cycles.
Interface	SATA 3 Gbps	SATA 3 Gbps	SATA 3 Gbps
Models/Capacities	64 GB SSC-D0064SC-2100 128 GB SSC-D0128SC-2100 256 GB SSC-D0256SC-2100	32 GB SSC-D0032SC-2500 64 GB SSC-D0064SC-2500 128 GB SSC-D0128SC-2500	15 GB SSD-D0015S(x)-5000* 30 GB SSD-D0030S(x)-5000* 60 GB SSD-D0060S(x)-5000* 90 GB SSD-D0090S(x)-5000* 120 GB SSD-D0120S(x)-5000*
Media Type	MLC	SLC	SLC
Sustained Read Transfer Rate	Up to 250 MB/s	Up to 240 MB/s	Up to 100 MB/s
Sustained Write Transfer Rate	Up to 170 MB/s	Up to 140 MB/s	Up to 68 MB/s
Random 4KB Read IOPS	Up to 5000 IOPS	Up to 5000 IOPS	Up to 4000 IOPS
Random 4KB Write IOPS	Up to 5000 IOPS	Up to 3500 IOPS	Up to 100 IOPS
Extended-temp (-40° C to 85° C)	No	No	Yes
PowerArmor®/SISMAART®/SolidStor®	No	No	Yes
Operational Lifespan- LifeEST (Based on 5 year service life)	128 GB capacity 21 GB/day Max. Writes	128 GB capacity 701.4 GB/day Max. Writes	120 GB capacity 6,574 GB/day Max. Writes
Limited Warranty	3 years	5 years	5 years
Benefits	<ul style="list-style-type: none"> Fast data transfer Plug and play compatibility Lower cost per gigabyte 	<ul style="list-style-type: none"> Fast data transfer High endurance Lower power consumption 	<ul style="list-style-type: none"> High performance Ultra-high reliability Ultra-high endurance
Markets	<ul style="list-style-type: none"> Consumer desktop PCs Medical Mobile client systems 	<ul style="list-style-type: none"> Data center media streaming service Netcom Video Surveillance 	<ul style="list-style-type: none"> Industrial automation Military SAN switches
Applications	<ul style="list-style-type: none"> High end gaming Home servers and workstations Video on demand 	<ul style="list-style-type: none"> NAS server and storage arrays Storage appliances Wireless infrastructure 	<ul style="list-style-type: none"> Database or multimedia servers Telecom and networking infrastructure Industrial control equipment

* x = C (for 0°C to 70°C operating temperature) or I (for -40°C to 85°C operating temperature)

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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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