

# 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

- Fast data transfer
- Plug and play compatibility
- Lower cost per gigabyte

- Fast data transfer
- High endurance
- Lower power consumption

- High performance
- Ultra-high reliability
- Ultra-high endurance

Markets

- Consumer desktop PCs
- Medical
- Mobile client systems

- Data center media streaming service
- Netcom
- Video Surveillance

- Industrial automation
- Military
- SAN switches

Applications

- High end gaming
- Home servers and workstations
- Video on demand

- NAS server and storage arrays
- Storage appliances
- Wireless infrastructure

- 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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