

# Vi560 SATA III M.2 2280 Internal SSDs

Verbatim's Vi560 SATA III M.2 2280 Internal SSDs are an ideal choice for transforming the performance of any hard-drive based laptop or PC. The small M.2 2280 form factor saves space without sacrificing performance, even with limited chassis or motherboard space. Featuring the SATA III interface, the Vi560 Internal SSDs boast transfer speeds of up to 560 MB/s read and up to 520 MB/s write.\* With transfer speeds far superior to mechanical hard drives, get ready to experience decreased system boot time, more efficient multi-tasking, and faster system responsiveness. Backed by Verbatim's 3-year limited warranty, the Vi560 SATA III M.2 2280 Internal SSDs are an ideal choice for upgrading your hard drive-based system.

## Features & Benefits

- Boost your laptop or PC's performance and launch applications faster
- Lightning-fast data transfer – up to 560 MB/s read and up to 520 MB/s write\*
- Available in 256GB, 512GB and 1TB
- Low power consumption for extended battery life
- Silent operation and shock proof
- Professional installation recommended
- 3-year limited warranty



Part #	Description
70026	256GB Vi560 SATA III M.2 2280 Internal SSD
70384	512GB Vi560 SATA III M.2 2280 Internal SSD
70385	1TB Vi560 SATA III M.2 2280 Internal SSD

\*Sequential transfer speeds based on internal testing using ATTO benchmark. Actual performance may vary depending on host computer environment, and use conditions. Transfer speeds are capacity dependent – see spec sheet for additional details.

Product Name:	V1560 SATA III M.2 2280 Internal SSD		
Reorder Number:	70026	70384	70385
Capacity:	256GB	512GB	1TB
Host Interface:	Serial ATA Interface 6.0 Gbps	Serial ATA Interface 6.0 Gbps	Serial ATA Interface 6.0 Gbps
Form Factor:	M.2 2280 (B+M key)	M.2 2280 (B+M key)	M.2 2280 (B+M key)
Read Host Performance Data Transfer (ATTO):	Up to 560 MB/s	Up to 560 MB/s	Up to 560 MB/s
Write Host Performance Data Transfer (ATTO):	Up to 460 MB/s	Up to 520 MB/s	Up to 520 MB/s
Flash:	3D NAND	3D NAND	3D NAND
Read IOPS Random (4K) QD=32 (Max):	102,400	101,376	102,000
Write IOPS Random (4K) QD=32 (Max):	80,000	80,400	102,000
System Reliability (MTBF):	1,500,000 Hours	1,500,000 Hours	1,500,000 Hours
TBW Rating:	110TB	240TB	450TB
Active Read Power Consumption:	1400mW	1430mW	1800mW
Active Write Power Consumption:	1450mW	1390mW	1600mW
Idle Power Consumption:	450mW	600mW	620mW
Operating Temperature:	0°C to 70°C	0°C to 70°C	0°C to 70°C
Non-Operating Temperature:	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Humidity:	5% to 95%, non-condensing	5% to 95%, non-condensing	5% to 95%, non-condensing
Shock:	1500G, duration 0.5ms Half Sine Pulse	1500G, duration 0.5ms Half Sine Pulse	1500G, duration 0.5ms Half Sine Pulse
Vibration:	7~800Hz, 3.08Grms, 30 min/axis (X,Y,Z)	7~800Hz, 3.08Grms, 30 min/axis (X,Y,Z)	7~800Hz, 3.08Grms, 30 min/axis (X,Y,Z)
Drive Dimensions (LxWxH):	3.15in x 0.87in x 0.09in	3.15in x 0.87in x 0.09in	3.15in x 0.87in x 0.09in
Warranty:	3 Year Limited Warranty*	3 Year Limited Warranty*	3 Year Limited Warranty*
Compliance:	RoHS, SATA III (SATA Rev. 3.2), Up to ATA/ATAPI-8 (Including S.M.A.R.T)	RoHS, SATA III (SATA Rev. 3.2), Up to ATA/ATAPI-8 (Including S.M.A.R.T)	RoHS, SATA III (SATA Rev. 3.2), Up to ATA/ATAPI-8 (Including S.M.A.R.T)
Disclaimer:	These SSD are intended for use in client PC applications, and are not intended for server environments. Specifications are based on internal Verbatim testing. These specifications may change without notice.		

\*Limited warranty is 3 years or up to the TBW rating on this spec sheet. See full details at [www.verbatim.com](http://www.verbatim.com)