

# 512GB Vi560 SATA III M.2 2280 Internal SSD (70384)

<b>Reorder Number</b>	70384
<b>Pack Size</b>	1 eaches
<b>Capacity/Speed</b>	512GB
<b>Brand</b>	Verbatim



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.

- 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\*
- Low power consumption for extended battery life
- Silent operation and shock proof
- Professional installation recommended
- 3-year limited warranty

\*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

## Additional Specifications

<b>Capacity</b>	512GB
<b>Host Interface</b>	Serial ATA Interface 6.0 Gbps
<b>Form Factor</b>	M.2 2280 (B+M key)
<b>Read Host Performance Data Transfer(ATTO)</b>	Up to 560 MB/s
<b>Write Host Performance Data Transfer(ATTO)</b>	Up to 520 MB/s
<b>Flash</b>	3D NAND
<b>Read IOPS Random(4K) QD=32(Max)</b>	101,376
<b>Write IOPS Random(4K) QD=32(Max)</b>	80,400
<b>System Reliability(MTBF)</b>	1,500,000 Hours
<b>TBW Rating</b>	240TB
<b>Active Read Power Consumption</b>	1430mW
<b>Active Write Power Consumption</b>	1390mW
<b>Idle Power Consumption</b>	600mW
<b>Operating Temperature</b>	0°C to 70°C
<b>Non-Operating Temperature</b>	-40°C to 85°C
<b>Humidity</b>	5% to 95%, non-condensing
<b>Shock</b>	1500G, duration 0.5ms Half Sine Pulse
<b>Vibration</b>	7~800Hz, 3.08Grms, 30 min/axis (X,Y,Z)
<b>Drive Dimensions(LxWxH)</b>	3.15in x 0.87in x 0.09in
<b>Warranty</b>	3 Year Limited Warranty*

**Compliance** ..... RoHS, SATA III (SATA Rev. 3.2), Up to ATA/ATAPI-8 (Including S.M.A.R.T)

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)

**Disclaimer** .....

Product Information			
<b>L x D x H (In)</b>	3.15 x 0.87 x 0.04 (8 x 2.21 x 0.1 in cm)	<b>Weight (lbs)</b>	0.01 lbs (0 kg)
Packaging Information			
<b>L x D x H (In)</b>	6.93 x 4.61 x 1.02 (17.6 x 11.71 x 2.59 in cm)	<b>Weight (lbs)</b>	0.12 lbs (0.05 kg)
<b>UPC#</b>	02394270384 6	<b>Unit Quantity</b>	1 eaches
<b>Pallet Quantity</b>	1260 (1 eaches)	<b>Cartons Per Layer</b>	126
<b>Layers Per Pallet</b>	5		
Master Case Information			
<b>L x D x H (In)</b>	7.24 x 4.92 x 2.56 (18.39 x 12.5 x 6.5 in cm)	<b>Weight (lbs)</b>	0.38 lbs (0.17 kg)
<b>UPC#</b>	5002394270384 1	<b>Quantity</b>	630 (1 eaches)
Shipping Information			
<b>Available Ship Date</b>	In Stock	<b>Country of Origin</b>	TW
<b>Tariff Code</b>	8523.51.0000	<b>Warranty</b>	3 Year Warranty
<b>Minimum Order Qty</b>	2 (1 eaches)		

**Keywords**

SSD, internal SSD, solid state drive, internal solid state drive, SATA III SSD, SATA III internal SSD, M.2 SSD, M.2 internal SSD, M.2 2280 SSD, M.2 2280 internal SSD, SATA III M.2 SSD, SATA III M.2 internal SSD, SATA III M.2 2280 SSD, SATA III M.2 2280 internal SSD, hard drive replacement, internal hard drive replacement, fast hard drive replacement