

# 512GB Vi5000 PCIe NVMe M.2 2280 Internal SSD (31825)

<b>Reorder Number</b>	31825
<b>Pack Size</b>	1 each
<b>Capacity/Speed</b>	512GB
<b>Brand</b>	Verbatim

Step into a new era of computing power and efficiency with the Verbatim Vi5000 M.2 PCIe NVMe™ SSD.



With read speeds reaching up to 5000 MB/s and write speeds up to 2500 MB/s, the Vi5000 transforms your computing experience, whether you're working on a laptop or a desktop. With read IOPS of up to 715,000 and write IOPS of up to 730,000, this SSD is perfect for demanding applications, such as video editing, gaming, and content creation.

The Vi5000 features PCIe Generation 4 technology, delivering unparalleled data transfer speeds and multitasking capabilities. This SSD allows you to enjoy lightning-fast boot-ups, instantaneous file transfers, and smooth multitasking.

Verbatim's Vi5000 PCIe NVMe M.2 2280 Internal SSDs are backed by a 2-year limited warranty.

- Lightning fast data transfer – up to 5000MB/s read and 2500MB/s write\*
- PCIe generation 4 Technology
- Utilizes NVMe™ technology to optimize your computers performance.
- Up to 2TB storage with the benefit of faster boot-ups, instantaneous file transfers and smooth multitasking.
- Perfect for demanding applications such as video editing, gaming and content creation.
- Quick and easy installation – installation guide included
- 2-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.

## Additional Specifications

<b>Capacity</b>	512GB
<b>Host Interface</b>	PCI Express Gen3: Single port X4 lanes
<b>Form Factor</b>	M.2
<b>Read Host Performance Data Transfer(ATTO)</b>	Up to 5000 MB/s
<b>Write Host Performance Data Transfer(ATTO)</b>	Up to 2500 MB/s
<b>Read IOPS Random(4K) QD=32(Max)</b>	375K
<b>Write IOPS Random(4K) QD=32(Max)</b>	500K
<b>TBW Rating</b>	500TB
<b>Operating Temperature</b>	0°C to 70°C
<b>Non-Operating Temperature</b>	-40°C to 85°C
<b>Drive Dimensions(LxWxH)</b>	3.15in x 0.87in x 0.09in
<b>Warranty</b>	2 Year Limited Warranty*
<b>Compliance</b>	FCC, CE, UKCA, PCI Express, NVMe

## Disclaimer

Note: 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 2 years. See full details at [www.verbatim.com](http://www.verbatim.com)

Product Information			
<b>L x D x H (In)</b>	3.15 x 0.87 x 0.09 (8 x 2.21 x 0.23 in cm)	<b>Weight (lbs)</b>	0.01 lbs (0 kg)
Packaging Information			
<b>L x D x H (In)</b>	5.85 x 4.62 x 0.99 (14.86 x 11.73 x 2.51 in cm)	<b>Weight (lbs)</b>	0.11 lbs (0.05 kg)
<b>UPC#</b>	02394231825 5	<b>Unit Quantity</b>	1 each
<b>Pallet Quantity</b>	1584 (1 each)	<b>Cartons Per Layer</b>	36
<b>Layers Per Pallet</b>	22		
Master Case Information			
<b>L x D x H (In)</b>	7.40 x 4.96 x 2.44 (18.8 x 12.6 x 6.2 in cm)	<b>Weight (lbs)</b>	0.29 lbs (0.13 kg)
<b>UPC#</b>	5002394231825 0	<b>Quantity</b>	2 (1 each)
Shipping Information			
<b>Available Ship Date</b>	In Stock	<b>Country of Origin</b>	CN, TW
<b>Tariff Code</b>	8523.51.0000	<b>Warranty</b>	2-Year Limited Warranty
<b>Minimum Order Qty</b>	2 (1 each)		

## Keywords

31825,#31825,512GB Vi5000 PCIe NVMe M.2 2280 Internal SSD,SSD, internal SSD, solid state drive, internal solid state drive, PCIe NVMe SSD, PCIe NVMe internal SSD, M.2 SSD, M.2 internal SSD, M.2 2280 SSD, M.2 2280 internal SSD, PCIe NVMe M.2 SSD, PCIe NVMe M.2 internal SSD, PCIe NVMe M.2 2280 SSD, PCIe NVMe M.2 2280 internal SSD, hard drive replacement, internal hard drive replacement, fast hard drive replacement, PCIe NVMe Gen 4.0 x4