MOVEV49352

Verbatim Vi550 S3 512GB 2.5" SATA3 6Gb/s Solid State Drive

Product Overview

Verbatim 49352 Vi550 S3 512GB 2.5" SATA3 6Gb/s Solid State Drive, 2.5" 7mm Form Factor, Up to 520 MB/s Read Speed, Up to 500 MB/s Write Speed, 3D NAND Flash Technology, TBW rating of 222TB









Specifications

Overview Summary:

Upgrade your computer with the Verbatim Vi550 S3 512GB Internal SSD, the perfect solution for South African users looking to restore speed and reliability to their desktops or notebooks. This high-performance storage drive leverages cutting-edge 3D NAND flash technology to deliver read speeds of up to 560 MB/s, ensuring your system boots instantly and applications launch without delay. Its compact 2.5-inch form factor makes it a seamless fit for most modern laptops and PCs.

Designed for durability and efficiency, this drive features low power consumption to extend battery life on the go while maintaining exceptional data transfer rates. Whether you are upgrading an aging hard drive or building a new system, the Verbatim Vi550 S3 offers professional-grade reliability that keeps your digital life running smoothly. Buy now to experience the difference superior storage makes in your daily computing performance.

Performance tier: High Performance

Uses:PC upgrades, laptop storage expansion, gaming load times, boot speed improvement, data backup and recovery

Overview:

Elevate your computing experience with the Verbatim Vi550 S3, a high-performance internal solid state drive designed to revitalize both desktop and notebook computers. This 512GB SATA III drive replaces traditional hard drives to deliver lightning-fast data transfer speeds, allowing you to boot your system instantly and launch applications with unprecedented ease. Engineered for reliability, the Vi550 S3 utilizes cutting-edge 3D NAND flash technology and a superior flash controller to ensure consistent performance over time, making it the ideal upgrade solution for users seeking speed without compromising on data security.

Description:

The Verbatim MOVEV49352 (Vi550 S3) is a compact 2.5-inch solid state drive that seamlessly blends high-speed performance with energy efficiency. Featuring read speeds of up to 560 MB/s and write speeds reaching 535 MB/s, this drive significantly reduces load times for your operating system and files. Its low-profile 7mm form factor fits easily into modern laptops and desktops, while advanced power management extends battery life on portable devices. Whether you are a professional needing quick access to large data sets or a home user looking to speed up an aging machine, this SSD offers a robust upgrade path with seamless installation.

Transform your PC's responsiveness by upgrading to the Verbatim Vi550 S3 SATA III drive. This client SSD is specifically designed for easy integration into existing systems, providing a noticeable boost in overall system performance. The drive supports high-speed data transfer protocols compatible with SATA Revision 3.2, ensuring you get the maximum bandwidth your motherboard can deliver. With an impressive MTBF of 2 million hours, the Verbatim MOVEV49352 offers peace of mind through its proven reliability and durability in both stationary and mobile environments.

Features:

Key Performance Highlights

- Blazing fast read speeds up to 520 MB/s for instant boot times
- Rapid write performance reaching 500 MB/s for quick file transfers
- Cutting-edge 3D NAND flash technology ensures long-term data integrity
- Optimized power consumption for extended battery life on laptops

Beyond raw speed, the Verbatim Vi550 S3 is built to withstand demanding conditions. The drive features robust shock resistance capable of handling 1500G impacts and operates reliably within a wide temperature range from -20 degrees Celsius to 70 degrees Celsius for non-operating states. It also meets strict environmental compliance standards including RoHS, making it a safe and reliable choice for modern computing needs. The inclusion of S.M.A.R.T technology allows the drive to monitor its own health status proactively.

Tech Specifications

- Capacity: 512GB using durable 3D NAND flash
- Form Factor: Slim 2.5-inch design at only 7mm thick (0.28 inches)
- Interface: SATA Revision 3.2 supporting 6Gbps speeds
- Random Read IOPS (4K QD=32): Up to 75,413 operations per second
- Random Write IOPS (4K QD=32): Up to 86,756 operations per second
- Dimensions: 3.94 inches by 2.75 inches by 0.28 inches
- Active Read Power: 1430mW | Active Write Power: 1670mW
- TBW Rating: 222TB for high endurance

Installation is a straightforward process designed to get you up and running quickly. The package includes the Verbatim MOVEV49352 solid state drive along with a comprehensive quick installation guide to assist with the upgrade. While

professional installation is recommended for those unfamiliar with internal hardware, most users find the layout intuitive thanks to standard SATA connectivity and secure mounting options.

What's in the box

- Verbatim Vi550 S3 2.5" SATA III Solid State Drive (Part Number: MOVEV49352)
- Quick Installation Guide

Specifications:

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Specifications	
Product Code	MOVEV49352
Host Interface	SATA 3.0
Form Factor	2.5"
Read Host Performance Data Transfer(ATTO)	Up to 520 MB/s
Write Host Performance Data Transfer(ATTO)	Up to 500 MB/s
Flash	3D NAND
Operating Temperature	0degreesC to 70degreesC
Non-Operating Temperature	-40degreesC to 85degreesC
Humidity	5% to ~95% RH (Non-condensing)
Drive Dimensions(LxWxH)	3.96in x 2.75in x 0.28in
Compliance	RoHS, SATA III (SATA Rev. 3.0)

FAQ

Is this SSD compatible with my desktop or laptop?
The Verbatim Vi550 S3 is designed as a client SSD for both desktop and notebook upgrades, featuring a standard 2.5" form factor with a slim 7mm height to fit most drives bays.

What are the data transfer speeds of this drive?
This solid state drive delivers lightning-fast performance with read speeds reaching up to 520 MB/s and write speeds up to 500 MB/s, significantly boosting PC performance and application launch times compared to traditional hard drives.

Does the package include everything needed for installation?
The box contains the SATA III Solid State Drive and a Quick Installation Guide; however, professional installation is recommended to ensure optimal setup.

Is this drive suitable for older computer systems?
Yes, the host interface supports SATA Revision 3.2 and is backward compatible with SATA 1.5 Gbps and 3Gbps interfaces, making it versatile for various system requirements.

How does this SSD handle power consumption during operation?
The drive utilizes low power consumption technology to extend battery life in laptops, drawing only 1430mW during active

reading and 320mW when idle.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/MOVEV49352-Verbatim-Vi550-S3-512GB-2-5-SATA3-6Gb-s-Solid-State-Drive-p-342507.php

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