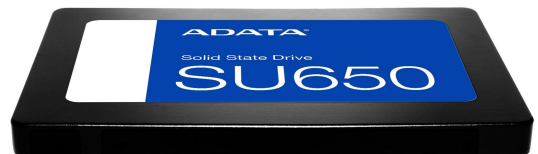


ASU650SS-512GT-R

Adata SU650 512GB 2.5" SATA3 6Gb/s Solid State Drive

Product Overview

Adata SU650 512GB 2.5" SATA3 6Gb/s Solid State Drive, 3D NAND Flash, Up to 520MB/s Sequential Read Speed, Up to 450MB/s Sequential Write Speed



Specifications

Overview Summary:

Upgrade your computer's storage with the Adata SU650 512GB 2.5" SATA3 SSD, designed to deliver fast and reliable performance. Featuring 3D NAND Flash and SLC caching, this SSD achieves sequential read speeds up to 520MB/s and write speeds up to 450MB/s, making booting, file transfers, and downloads quicker than ever. Its advanced error correction technology ensures your data remains safe and intact, while the quiet, shock-resistant design provides durability and energy efficiency. Shop now to enhance your PC experience with a solid, cost-effective upgrade.

Performance tier:High performance

Uses:PC storage upgrade, gaming, file transfer, operating system installation, data backup

Overview:

Ultimate Performance with ADATA SU650 512GB Solid State Drive

The ADATA SU650 512GB 2.5" SATA3 Solid State Drive delivers a significant performance boost for your PC or laptop with its 3D NAND Flash technology and high-speed controller. Designed to replace traditional hard drives, this SSD offers fast read and write speeds of up to 520MB/s and 450MB/s respectively, ensuring smoother system boot-up, quicker file transfers, and responsive applications. Its intelligent SLC caching and advanced error correction help maintain data integrity and optimize storage performance, making it an ideal upgrade for users seeking both speed and reliability. With a capacity of 512GB and a range of sizes up to 2TB, the SU650 provides ample storage while balancing cost and performance effectively.

Description:

The SU650 combines durability, speed, and efficiency for everyday computing and professional tasks. It features 3D NAND Flash for enhanced reliability, intelligent SLC caching for peak performance, and ECC error correction to maintain data integrity. Its solid-state design eliminates mechanical parts, resulting in shock resistance, low power consumption, and silent operation. Free ADATA software, including SSD Toolbox and Migration Utility, allows easy drive monitoring, management, and seamless migration from HDDs.

Features:

Ultimate Performance with ADATA SU650 512GB Solid State Drive

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High-Speed Storage and Smooth Operation

Enjoy rapid sequential read speeds of up to 520MB/s and write speeds up to 450MB/s, perfect for accelerating boot times, file

transfers, and application performance. The SU650's SLC caching ensures consistent speed, making it suitable for both gaming and professional workloads.

Reliable Technology for Data Protection

Equipped with advanced ECC (error correction code), the SU650 can detect and fix data errors, extending the drive's lifespan and keeping your information secure. With a mean time between failures of 2 million hours, it outlasts many standard 2D NAND SSDs.

Durable and Energy-Efficient Design

Without moving parts, the SU650 resists shocks up to 1500G/0.5ms, tolerates temperatures from 0degrees C to 70degrees C, and operates silently while consuming minimal power. This rugged design ensures better protection for your valuable data compared to conventional hard drives.

Convenient Software Tools

ADATA's SSD Toolbox offers real-time drive monitoring, wear level tracking, and lifespan updates. The Migration Utility simplifies the transition from HDD to SSD, allowing users to back up and move all files, including operating systems, quickly and safely.

Key Specifications

- Capacity: 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB
- Form Factor: 2.5"
- NAND Type: 3D NAND
- Dimensions: 100.45 x 69.85 x 7mm
- Weight: 50.8g
- Interface: SATA 6Gb/s
- Sequential Read: Up to 520MB/s
- Sequential Write: Up to 450MB/s
- Operating Temperature: 0degrees C - 70degreesC
- Storage Temperature: -40degrees C - 85degreesC
- Shock Resistance: 1500G / 0.5ms
- MTBF: 2,000,000 hours
- Terabytes Written (TBW): Up to 1120TB

Specifications:

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Specifications	
Product Code	ASU650SS-512GT-R
Capacity	240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB
Form Factor	2.5"
NAND Flash	3D NAND
Dimensions (L x W x H)	100.45 x 69.85 x 7mm / 3.95 x 2.75 x 0.27inch
Weight	50.8g / 1.79oz
Interface	SATA 6Gb/s

ComX Computers

Product Specification Sheet

Sequential Read (Max*)	Up to 520MB/s
Sequential Write (Max*)	Up to 450MB/s
Operating Temperature	0degreesC - 70degreesC
Storage Temperature	-40degreesC - 85degreesC
Shock Resistance	1500G / 0.5ms
MTBF	2,000,000 hours
Terabytes Written (TBW)(Max Capacity*)	1120TB

Product Information Online

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

Product page:

<https://www.comx-computers.co.za/ASU650SS-512GT-R-Adata-SU650-512GB-2-5-SATA3-6Gb-s-Buy-p-335090.php>

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