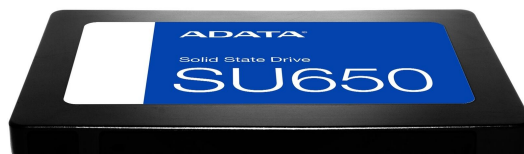


ASU650SS-256GT-R

Adata SU650 256GB 2.5" SATA3 6Gb/s Solid State Drive

Product Overview

Adata SU650 256GB 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

Summary Overview:

The Adata SU650 256GB 2.5" SATA3 SSD offers a seamless storage upgrade with reliable 3D NAND technology and high-speed read/write performance. Ideal for South African users looking to enhance their PC experience, it provides faster boot times, smoother file transfers, and efficient data handling. Shop now to improve your system speed and reliability with this durable, low-power SSD.

Every SU650 purchase comes with proprietary SSD Toolbox and Migration Utility, making it simple to monitor drive health and migrate your operating system or files quickly. Buy now and enjoy a quiet, shock-resistant storage solution that keeps your data safe while boosting overall system efficiency.

Performance tier:High

Uses:Desktop PCs, laptops, operating system storage, file transfers, gaming storage

Overview:

Ultimate Performance with Adata SU650 256GB SSD

The Adata SU650 256GB 2.5" SATA3 solid state drive combines cutting-edge 3D NAND Flash technology with a high-speed controller to deliver a reliable and efficient PC storage solution. With sequential read speeds of up to 520MB/s and write speeds up to 450MB/s, it ensures smooth boot times, faster file transfers, and responsive system performance. Designed as a cost-effective upgrade from traditional HDDs or older SSDs, the SU650 provides enhanced endurance, quiet operation, and robust resistance to shock and vibration, making it ideal for both everyday computing and demanding tasks.

Description

The SU650 is built to elevate your computing experience. Its intelligent SLC caching boosts read/write performance, while advanced error correction technology safeguards your data. The drive supports a wide range of capacities, up to 2TB, giving users flexibility for storage expansion. With no moving parts, it operates silently, consumes minimal power, and withstands extreme temperatures and physical impact. Additionally, ADATA offers free SSD Toolbox and Migration Utility software for drive monitoring, management, and easy data migration from older HDDs.

Features:

Enhanced Efficiency with 3D NAND

3D NAND Flash delivers improved reliability and efficiency compared to 2D NAND drives. This technology allows the SU650 to maintain optimal performance over time while providing excellent value for money.

Optimized Read/Write Performance

The drive's SLC caching algorithm enhances data handling by operating in single-level cell mode. Users experience consistent peak performance with up to 520MB/s sequential read and 450MB/s sequential write speeds, making booting, file transfers, and downloads faster and smoother.

Reliable Data Integrity

The SU650 incorporates advanced error correction code (ECC) to detect and fix errors, helping to preserve data integrity. With a mean time between failures (MTBF) of 2 million hours, it surpasses many traditional 2D NAND SSDs in durability.

Durable, Silent, and Energy-Efficient

Unlike mechanical hard drives, the SU650 has no moving parts, offering resistance to shocks and vibrations (1500G/0.5ms) and operating across extreme temperatures (0 degreesC-70 degrees C). It runs completely silently while consuming minimal power, protecting both your data and your system.

Convenient Management and Migration Tools

ADATA SSD Toolbox provides monitoring tools for drive health, wear level, and lifespan. Migration Utility simplifies the transfer of all data, including the operating system, from an HDD to the SSD, making upgrades seamless and stress-free.

Technical Details at a Glance

- Capacity options: 240GB, 256GB, 480GB, 512GB, 960GB, 1TB, 2TB
- Form factor: 2.5-inch
- NAND type: 3D NAND
- Dimensions: 100.45 x 69.85 x 7mm (3.95 x 2.75 x 0.27 inches)
- Weight: 50.8g (1.79oz)
- Interface: SATA 6Gb/s
- Sequential read: up to 520MB/s
- Sequential write: up to 450MB/s
- Operating temperature: 0 degrees C - 70 degreesC
- Storage temperature: -40 degrees C - 85 degreesC
- Shock resistance: 1500G / 0.5ms
- MTBF: 2,000,000 hours
- Max terabytes written: 1120TB

The Adata SU650 256GB SSD is a reliable, high-speed, and efficient upgrade for any PC, offering long-lasting performance and easy management for users looking to enhance their system.

Specifications:

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Specifications	
Product Code	ASU650SS-256GT-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
Sequential Read (Max*)	Up to 520MB/s
Sequential Write (Max*)	Up to 450MB/s
Operating Temperature	0 degreesC - 70 degreesC
Storage Temperature	-40 degreesC - 85 degreesC
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-256GT-R-Adata-SU650-256GB-2-5-SATA3-6Gb-s-Buy-p-339395.php>

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