



ADATA SU650 1 TB 2.5" Serial ATA III 3D NAND

Brand : ADATA

Product code: ASU650SS-1TT-R

Product name : SU650

- 3D NAND Flash for higher durability and capacity
 - SLC caching: enhances transmission speed
 - Wide capacity range: 60GB to 1.92TB
 - Advanced error correction
 - Tougher, quieter, and more reliable than HDDs
 - Supports ADATA proprietary software "SSD Toolbox" and "Migration Utility"
- 1 TB, 2.5", 3D NAND, 100.45 x 69.85 x 7 mm, 59.5 g

ADATA SU650 1 TB 2.5" Serial ATA III 3D NAND:

The Ultimate SU650 solid state drive implements 3D NAND Flash and a high speed controller, offering capacities up to 1TB. It delivers read/write performance up to 520/450MB/s and greater reliability than 2D NAND SSDs. The SU650 features SLC caching and advanced error correction technologies to ensure optimized data performance and integrity. For those who want to experience a clear PC upgrade, the SU650 is an excellent choice with a great cost-performance ratio.

ADATA SU650. SSD capacity: 1 TB, SSD form factor: 2.5", Read speed: 520 MB/s, Write speed: 450 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC



Features

SSD capacity *	1 TB
SSD form factor *	2.5"
Interface *	Serial ATA III
NVMe *	✗
Memory type *	3D NAND
Component for *	PC
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	520 MB/s
Write speed	450 MB/s
Random read (4KB)	40000 IOPS
Random write (4KB)	75000 IOPS
ECC	✓

Features

Mean time between failures (MTBF)	2000000 h
TBW rating	600

Weight & dimensions

Width	100.5 mm
Depth	69.8 mm
Height	7 mm
Weight	59.5 g

Packaging data

Package type	Blister
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Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating shock	1500 G



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Catalog Object Cloud



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