ULTIMATE SU750 SOLID STATE DRIVE

THE UPGRADE THAT'S TOTALLY WORTH IT

ADATA®
Ultimate
Solid State Drive
SU750

3D NAND

Ultimate SU750 3D NAND SSD

Are you looking to replace your old SSD or HDD? If so, the ADATA Ultimate SU750 solid-state drive is for you. With 3D NAND Flash, it provides higher storage capacity, efficiency, and reliability than 2D NAND. What's more, it features intelligent SLC Caching to achieve read/write performance of 550/520MB per second. All SU750 models provide high TBW (Total Bytes Written), meaning the number of times an SSD can write its entire capacity in one lifespan. The SU750's TBW rating outranks many comparable models, indicating a longer-lasting SSD.

Features

- 3D TLC NAND Flash for higher affordability
- Advanced hardware LDPC ECC technology
- Supports SLC Caching for improved performance
- Free software: SSD Toolbox and Migration Utility
- Shock, vibration resistant (1500G/0.5ms)

Ordering Information

Capacity	Model Number	EAN Code
256GB	ASU750SS-256GT-C	4710273770666
512GB	ASU750SS-512GT-C	4710273770673
1TB	ASU750SS-1TT-C	4710273770680

Specifications

- Capacity: 256GB / 512GB / 1TB
- NAND Flash: 3D TLC
- Interface: SATA 6Gb/s (SATA III)
- Form Factor: 2.5"
- Dimensions (L x W x H): 100.45 x 69.85 x 7mm
- Weight: 47.5g

- Operating Temperature: 0°C-70°C
- Storage Temperature: -40°C-85°C
- Shock Resistance: 1500G/0.5ms
- MTBF: 2,000,000 hours
- Certifications: RoHS, CE, FCC, BSMI, VCCI, KC
- Warranty: 3 years

Performance

Capacity	ATTO		CDM-QD32T1		AS SSD		4K Random		TBW
	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq. Read (MB/s)	Seq. Write (MB/s)	Seq. Read (MB/s)	Seq. Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	Up to 550	Up to 520	Up to 550	Up to 500	Up to 500	Up to 450	65K	75K	200TB
512GB	Up to 550	Up to 520	Up to 550	Up to 500	Up to 500	Up to 450	65K	75K	400TB
1TGB	Up to 550	Up to 520	Up to 550	Up to 500	Up to 500	Up to 450	65K	75K	800TB

* Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

Schematics