

ULTIMATE SU750 SOLID STATE DRIVE

# THE UPGRADE THAT'S TOTALLY WORTH IT



## 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 NAND Flash for higher affordability
- Advanced hardware LDPC ECC technology
- Supports SLC Caching and DRAM Cache Buffer
- Free software: SSD Toolbox and Migration Utility

### Specifications

- Capacity: 256GB / 512GB / 1TB
- NAND Flash: 3D NAND
- Controller: RTS5733
- Interface: SATA 6Gb/s (SATA III)
- Form Factor: 2.5"
- Sequential read/write (Max.): R/W 550/520MB/s
- 4K random read/write IOPS (Max.): 65K/75K
- Dimensions (L x W x H): 100.45 x 69.85 x 7mm
- Weight: 47.5g / 1.67oz

### Ordering Information

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

- Terabytes Written (TBW)(Max. capacity): 800TB
- 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, KC, EAC, RCM, Morocco, UKCA, VCCI
- Warranty: 3-year limited warranty

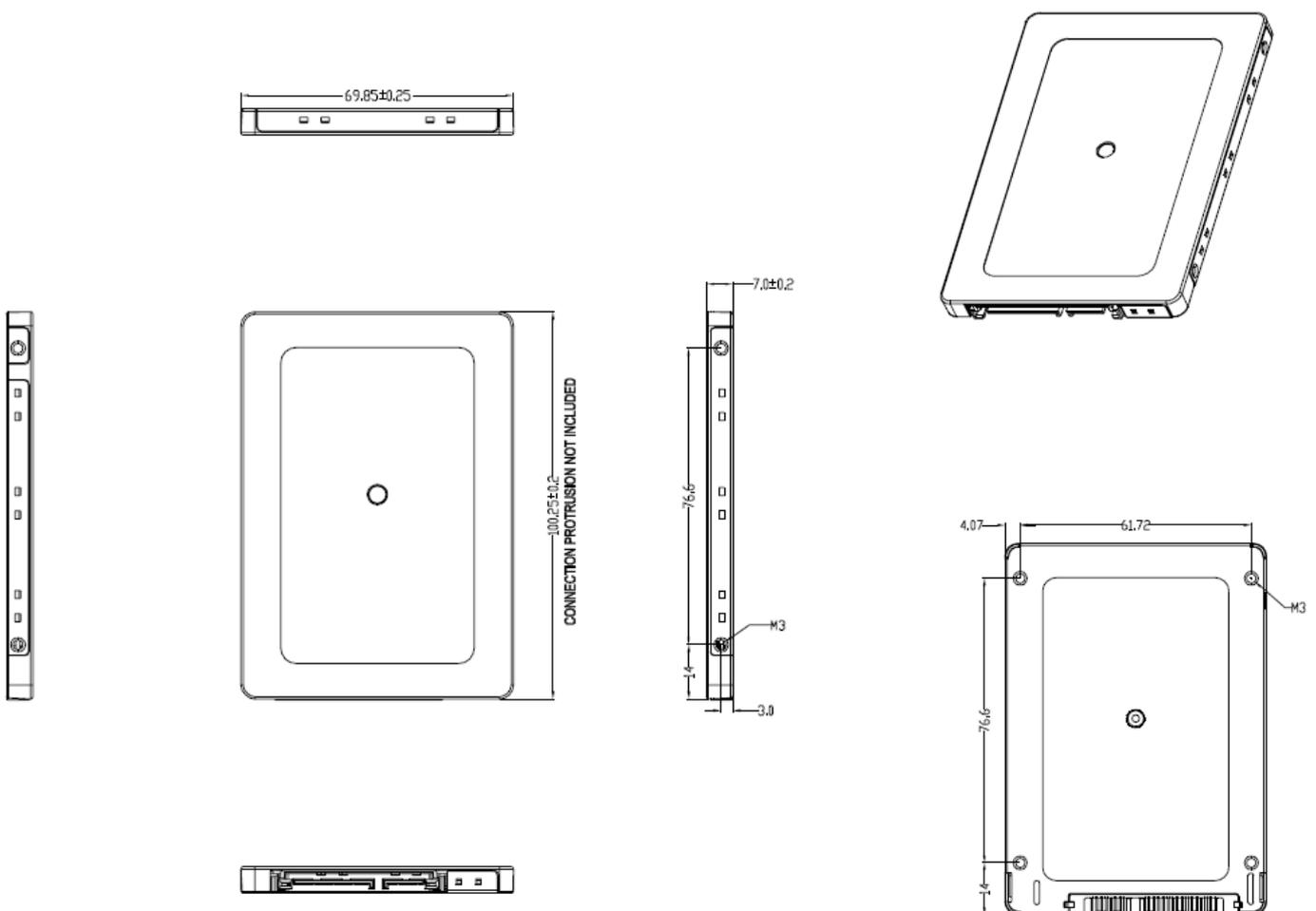
## Performance

Capacity	Sequential Performance (Up to) <sup>1</sup>		4K Random (Up to) <sup>1</sup>		TBW <sup>2</sup>
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	550	520	65K	75K	200TB
512GB	550	520	65K	75K	400TB
1TB	550	520	65K	75K	800TB

<sup>1</sup>Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

<sup>2</sup>The value is the minimum amount of terabyte written that could be reached.

## Schematics



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