SU740 Solid State Drive

UPGRADE TO AN SSD NOW

Ultimate SU740 3D NAND SSD

The ADATA Ultimate SU740 solid state drive not only brings you increased capacity, but also ups the ante on efficiency and reliability. Equipped with 3D NAND memory and intelligent SLC caching, the SU740 reaches read/write speeds of up to 520/450MB per second.

Features

- 3D NAND Flash for higher affordability
- Big capacity up to 2TB
- Supports SLC Caching for improved performance
- Advanced hardware LDPC ECC Technology
- Free software: SSD Toolbox and Migration Utility
- Supports S.M.A.R.T., TRIM Command, and NCQ

Ordering Information

Capacity	Model Number	UPC Code
500GB	ASU740SS-500G-R	842243023077
1TB	ASU740SS-1T-R	842243023084
2TB	ASU740SS-2T-R	842243023459

Specifications

- Capacity: 500GB / 1TB / 2TB
- NAND Flash: 3D NAND
- 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
- Warranty: 3-year limited

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)	
500GB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	50K	65K	100TB
1TB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	50K	65K	200TB
2TB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	50K	65K	400TB

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

Schematics