

Ultimate SU635 Solid State Drive

**IT'S TIME TO
SWITCH TO SSD**

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If you're looking to replace that HDD of yours with an SSD, look no further than the ADATA SU635. The SSD is built with QLC 3D NAND Flash to offer amazing value and great performance. It also comes with excellent features such as LDPC ECC technology.

Features

- 3D QLC NAND Flash for higher affordability
- R/W speed up to 520/450MB/s
- Advanced hardware LDPC ECC Technology
- Supports SLC Caching for improved performance
- Free software: SSD Toolbox and Migration Utility
- Supports S.M.A.R.T., TRIM Command, and NCQ
- Great upgrade option for switching to SSD from HDD

Ordering Information

Capacity	Model Number	EAN Code
240GB	ASU635SS-240GQ-R	4713218469939
480GB	ASU635SS-480GQ-R	4713218469946
960GB	ASU635SS-960GQ-R	4710273771458

Specifications

- Capacity: 240GB / 480GB / 960GB
- NAND Flash: 3D QLC
- Interface: SATA 6Gb/s (SATA III)
- Form Factor: 2.5"
- Sequential read/write (Max.):
Read 520MB/s ; write 450MB/s
- 4K random read/write IOPS (Max.): 40K/65K
- Shock Resistance: 1500G/0.5ms
- 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
- Terabytes Written (TBW)(Max. capacity): 200TB
- MTBF: 1,500,000 hours
- Warranty: 3-year limited
- Certifications: CE, FCC, BSMI, VCCI, RCM, RoHS

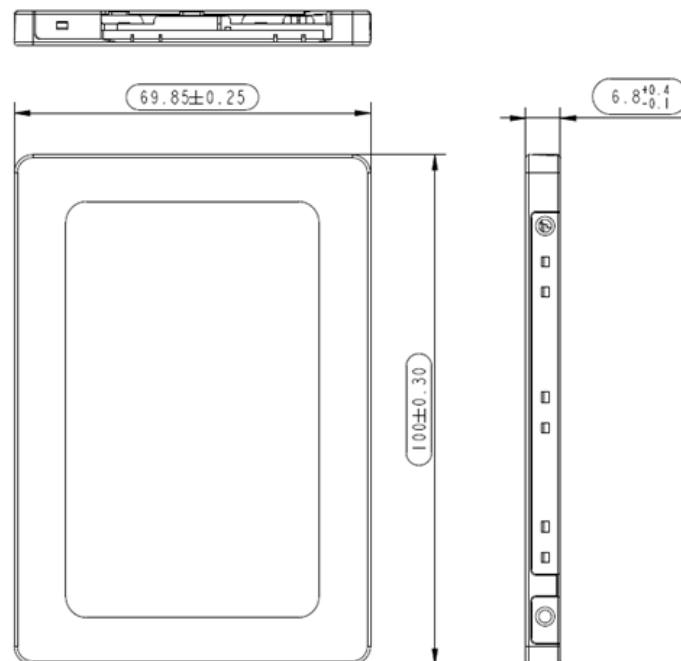
Performance

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)	
240GB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 520	Up to 400	30K	65K	50TB
480GB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	40K	65K	100TB
960GB	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	40K	65K	200TB

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

**The value is the minimum amount of terabyte written that could be reached.

Schematics



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