



Ultimate SU630 3D NAND SSD

If you're looking to replace that HDD of yours with an SSD, look no further than the ADATA SU630. The SSD is built with next-generation 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
- Big capacity up to 3.84TB
- 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

Ordering Information

| Capacity | Model Number | EAN Code |
|----------|------------------|---------------|
| 240GB | ASU630SS-240GQ-R | 4713218469175 |
| 480GB | ASU630SS-480GQ-R | 4713218469182 |
| 960GB | ASU630SS-960GQ-R | 4713218469199 |
| 1.92TB | ASU630SS-1T92Q-R | 4710273773551 |
| 3.84TB | ASU630SS-3T84Q-R | 4710273774169 |











Specifications

• Capacity: 240GB/480GB/960GB/1.92TB/3.84TB

• NAND Flash: 3D QLC

• 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 / 1.67oz

• Sequential read/write (Max.): R/W 520/450MB/s

• Terabytes Written (TBW)(Max. capacity): 800TB

 Operating Temperature: 0°C-70°C • Storage Temperature: -40°C-85°C

• Shock Resistance: 1500G/0.5ms

• MTBF: 1,500,000 hours

• Certifications: RoHS, CE, FCC, BSMI, VCCI, KC, RCM, Morocco, EAC, UKCA

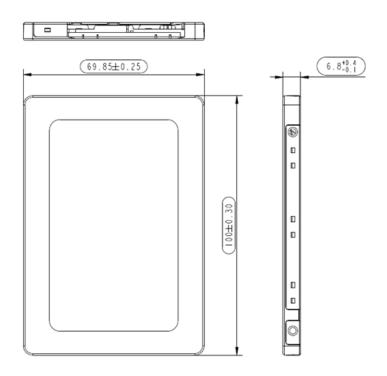
• Warranty: 3-year limited warranty

Performance

| Capacity | Sequential Performance (Up to) ¹ | | |
|----------|---|--------------|------------------|
| | Read (MB/s) | Write (MB/s) | TBW ² |
| 240GB | 520 | 450 | 50TB |
| 480GB | 520 | 450 | 100TB |
| 960GB | 520 | 450 | 200TB |
| 1.92TB | 520 | 450 | 400TB |
| 3.84TB | 520 | 450 | 800TB |

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

Schematics

















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²The value is the minimum amount of terabyte written that could be reached.