

SU630 Solid State Drive

# IT'S TIME TO SWITCH TO SSD



## 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 |



# Specifications

- Capacity: 240GB/ 480GB / 960GB / 1.92TB
  - 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: 50.8g / 1.79oz
  - Sequential read/write (Max.): R/W 520/450MB/s
- Terabytes Written (TBW)(Max. capacity): 400TB
  - 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) <sup>1</sup> |              | TBW <sup>2</sup> |
|----------|---|--------------|------------------|
|          | Read (MB/s)                                 | Write (MB/s) |                  |
| 240GB    | 520   | 450          | 50TB             |
| 480GB    | 520   | 450          | 100TB            |
| 960GB    | 520   | 450          | 200TB            |
| 1.92TB   | 520   | 450          | 400TB            |

<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

