



## 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 960GB
- 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 |

## Specifications

- **Capacity:** 240GB/ 480GB / 960GB
- **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
- **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
- **Warranty:** 2 years

## 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

## Schematics

