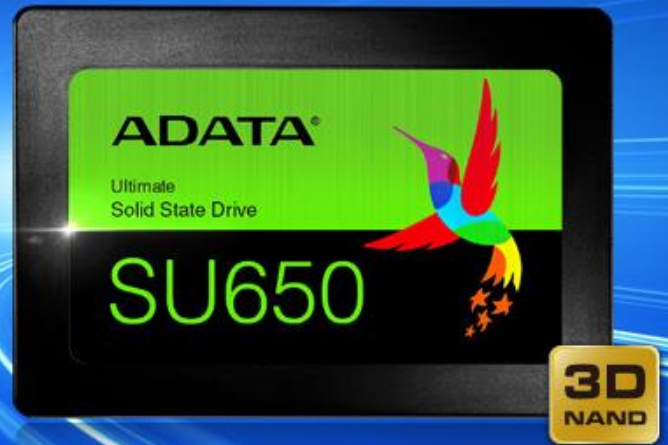


ULTIMATE SU650 SOLID STATE DRIVE

**FIRST SSD?  
GREAT TIMING!**

## Ultimate SU650 3D NAND SSD

The Ultimate SU650 solid state drive implements 3D NAND Flash and a high speed controller, offering capacities up to 960GB. It delivers read/write performance up to 520/450MB/s and greater reliability than 2D NAND SSDs. The SU650 features SLC caching and advanced error correction technologies to ensure optimized data performance and integrity. For those who want to experience a clear PC upgrade, the SU650 is an excellent choice with a great cost-performance ratio.

### Features

- 3D NAND Flash for higher durability and capacity
- SLC caching: enhances transmission speed
- Wide capacity range: 60GB to 960GB
- Advanced error correction
- Tougher, quieter, and more reliable than HDDs
- Supports ADATA proprietary software – “SSD Toolbox” and “Migration Utility”

### Ordering Information

Capacity	Model Number	EAN Code
<b>60GB</b>	ASU650SS-60GT-R	4713218461148
<b>120GB</b>	ASU650SS-120GT-R	4713218461155
<b>240GB</b>	ASU650SS-240GT-R	4713218461162
<b>480GB</b>	ASU650SS-480GT-R	4713218461179
<b>960GB</b>	ASU650SS-960GT-R	4713218461186

## Specifications

- Capacity: 60GB / 120GB / 240GB / 480GB / 960GB
- NAND Flash: 3D NAND
- Interface: SATA 6Gb/s (SATA III)
- Form factor: 2.5"
- MTBF: 2,000,000 hours
- 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
- Error correction: ECC
- Warranty: 3 years

## Performance

Capacity	ATTO		CDM-QD32		AS SSD		CDM-Random 4K QD32T1		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)	
<b>60GB</b>	Up to 410	Up to 320	Up to 410	Up to 320	Up to 380	Up to 300	20K	75K	35TB
<b>120GB</b>	Up to 520	Up to 320	Up to 520	Up to 320	Up to 500	Up to 300	20K	75K	70TB
<b>240GB</b>	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 430	40K	75K	140TB
<b>480GB</b>	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	40K	75K	280TB
<b>960GB</b>	Up to 520	Up to 450	Up to 520	Up to 450	Up to 500	Up to 440	40K	75K	560TB

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

## Schematics

