

ULTIMATE SU655 SOLID STATE DRIVE

FIRST SSD? GREAT TIMING!



Ultimate SU655 3D NAND SSD

The Ultimate SU655 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 SU655 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 SU655 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: 120GB 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
120GB	ASU655SS-120GT-C	4713218465139
240GB	ASU655SS-240GT-C	4713218469687
480GB	ASU655SS-240GT-C	4713218465269
960GB	ASU655SS-960GT-C	4713218465276



Specifications

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- Capacity: 120GB / 240GB / 480GB / 960GB
 - NAND Flash: 3D NAND
 - 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/75K
 - 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
 - MTBF: 2,000,000 hours
 - Terabytes Written (TBW)(Max. capacity): 560TB
 - Error correction: ECC
 - Warranty: 3-year limited warranty
 - Certifications: CE, FCC, BSMI, VCCI, RCM, morocco, KC, EAC, RoHS

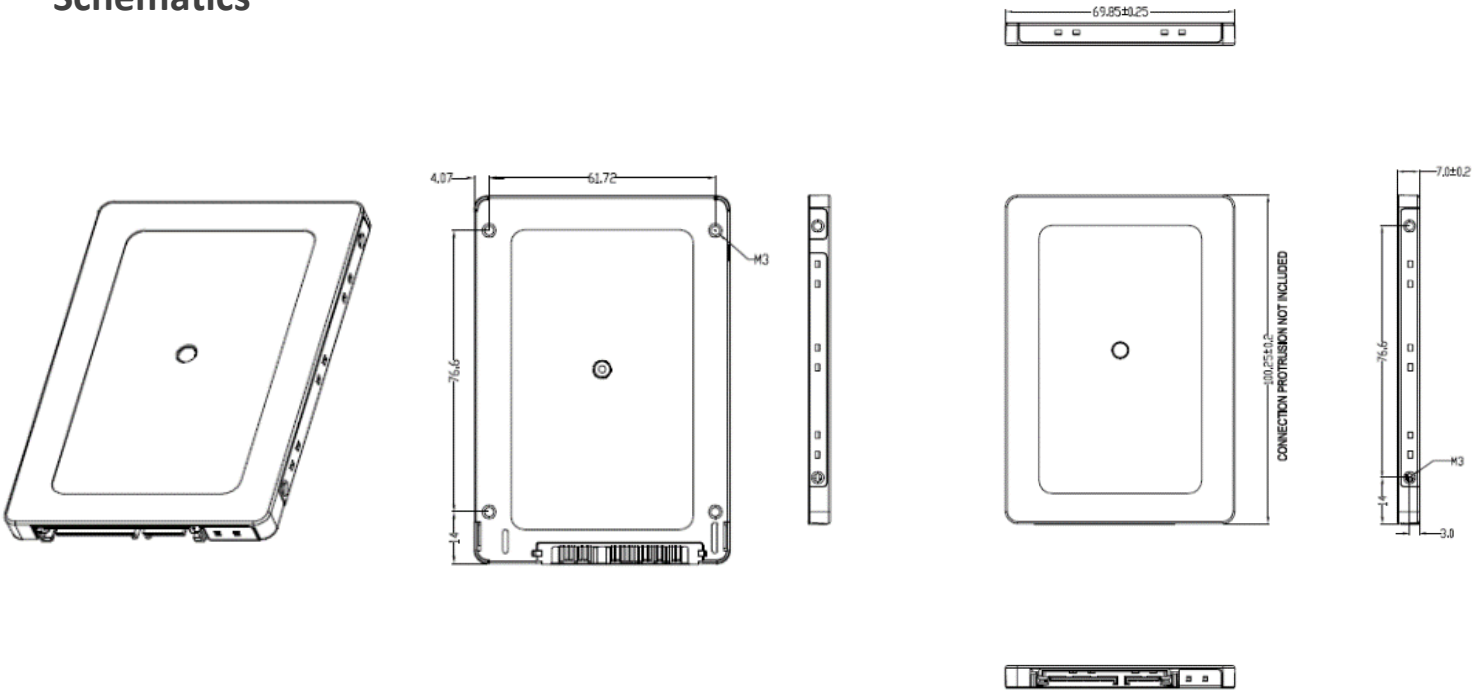
Performance

Capacity	Sequential Performance (Up to) ¹		4K Random (Up to) ¹		TBW ²
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
120GB	520	320	20K	75K	70TB
240GB	520	450	40K	75K	140TB
480GB	520	450	40K	75K	280TB
960GB	520	450	40K	75K	560TB

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

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

Schematics



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WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

