* CAPACITY120GB
* SERIESULTIMATE SU650
* FORM FACTOR2.5 INCH

**FEATURES**

**3D NAND in an easy PC upgrade**

With 3D NAND Flash, the SU650 features higher efficiency and increased reliability compared to 2D NAND SSDs with an improved cost-performance ratio.

**Faster performance**

The intelligent SLC caching algorithm allows NAND Flash memory to operate in single-level cell mode and boosts performance, helping sustain peak SU650 read/write speeds up to 520/450MB per second for smoother and faster boot, file transfers, and downloads.

**Advanced error correction code**

With the support for ECC (error correction code) technology, the SU650 can detect and fix errors to ensure data integrity and help to extend SSD lifespan Its MTBF (mean time between failures) is up to 2 million hours, or 25% more than 2D NAND SSDs.

**Tougher , quieter , and more reliable**

There's no mechanical component inside SSDs, so they outperform traditional HDDs with higher resistance to shock, vibration (1500G/0.5ms) and extreme temperatures (0°C-70°C). They are also completely silent and consume very little power, all while better protecting your data.

**Proprietary software - SSD Toolbox and Migration Utility**

Every SU650 purchase qualifies for free downloads of ADATA SSD Toolbox and Migration Utility. SSD Toolbox allows users to monitor and manage the SU650, with drive status, wear level, and lifespan information. The Migration Utility is especially helpful for users making the move from HDD to SSD, as it is designed for simple and quick backup and migration of the contents of entire drives, including the operating system.

**SPECIFICATIONS**

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| Capacity | 120GB |
| Form Factor | 2.5" |
| NAND Flash | 3D NAND |
| Dimensions (L x W x H) | 100.45 x 69.85 x 7mm |
| Weight | 59.5g |
| Interface | SATA 6Gb/s |
| Sequential R/W performance (max) | Up to 520 / 450MB/s \*Actual performance may vary due to available SSD capacity, system hardware and software components, and other factors |
| Operating temperature | 0°C - 70°C |
| Storage temperature | -40°C - 85°C |
| Shock resistance | 1500G / 0.5ms |
| MTBF | 2,000,000 hours |
| Warranty | 3 Years |
| Note | \*\*\*Features, Price and Specifications are subject to change without notice. |