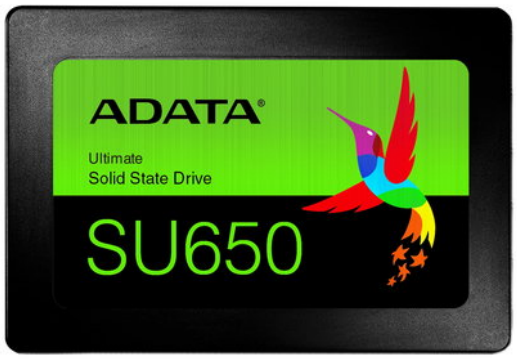

ADATA ASU650SS-512GT-R internal solid state drive 512 GB 2.5" Serial ATA III 3D NAND

Model: ASU650SS-512GT-R

Manufacturer: ADATA TECHNOLOGY

EAN: 4711085931528

Product Code: 1597751

R2,283

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 product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
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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.

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