



**SSD SAMSUNG
870 EVO 500GB
SATA SATA 3.0
MLC Write
speed 530
MBytes/sec
Read speed 560
MBytes/sec 2,5
TBW 300 TB
MTBF 1500000
hours MZ-
77E500B/EU**



Model: MZ-77E500B/EU

Manufacturer: SAMSUNG

EAN: 8806090545924

Product Code: 41269

R6,000

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The worlds favourite SSD

The latest model of the worlds best-selling SSD series has finally arrived. The 870 EVO inherits the legacy of Samsungs pioneering SSD technology, boasting upgraded performance, reliability and compatibility to suit the needs of anyone from content creators and IT professionals to everyday users.

Excellence in performance

The 870 EVO achieves the maximum SATA interface limit of 560/530 MB/s sequential speeds. Everyday users can now enjoy professional-level SSD performance. Intelligent TurboWrite accelerates write speeds and maintains long-term high performance with a larger variable buffer.

Industry-defining reliability

Providing up to 2,400 TBW under a 5-year limited warranty, the 870 EVO meets the industrys leading standards of reliability. It withstands tasks from everyday computing to 8K video processing and comes equipped with the latest 6th Gen. VNAND and MKX controller that ensure a stable host experience.

More compatible than ever

The 870 EVO passed compatibility tests with major host systems and applications, including chipsets, motherboards, NAS and video recording devices. As the latest entry in the globally best-selling EVO series, the 870 EVO's proven versatility is compatible with any users systems and tasks.

Upgrade with ease

Upgrading to the 870 EVO is made easy for anyone with a desktop PC or laptop that supports a standard 2.5-inch SATA form factor. Enjoying this masterpiece SSD is as convenient as plugging in the 870 EVO into a SATA slot and letting the renewed migration software take care of the rest.

Samsung Magician software

Make your drive work like magic. The new and improved Samsung Magician 6 software will keep your SSD in check. You can easily manage your drive with a wide range of useful tools to keep up with the latest updates, monitor the drive's health and status, or even enhance its performance.

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World's no.1 flash memory

Experience the superior performance and reliability that you can only get from the world's number one brand for flash memory since 2003. All firmware and components, including Samsung's world-renowned DRAM and NAND, are produced in-house, allowing end-to-end integration for quality you can trust.

- The world's favorite SSD
- Excellence in performance
- Leading reliability

Summary: Samsung 870 EVO. SSD capacity: 500 GB, SSD form factor: 2.5", Read speed: 560 MB/s, Write speed: 530 MB/s, Data transfer rate: 6 Gbit/s, Component for: PC | Vendor Homepage: <https://www.samsung.com/uk/memory-storage/sata-ssd/870-evo-500gb-sata-3-2-5-ssd-mz-77e500b-eu/> | Component for: PC | Controller type: Samsung MKX | Data transfer rate: 6 | DevSlp (device sleep) support: Yes | Hardware encryption: Yes | Interface: Serial ATA III | Mean time between failures (MTBF): 1500000 | Memory type: V-NAND MLC | Random read (4KB): 98000 | Random write (4KB): 88000 | Read speed: 560 | S.M.A.R.T. support: Yes | Security algorithms: 256-bit AES | SSD capacity: 500 | SSD form factor: 2.5" | TBW rating: 150 | TRIM support: Yes | Write speed: 530 | Operating voltage: 5 | Power consumption (average): 2.2 | Power consumption (idle): 0.03 | Power consumption (max): 3.5 | Depth: 70 | Height: 7 | Weight: 86 | Width: 100 | Package depth: 146 | Package height: 24 | Package weight: 87 | Package width: 98 | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Product colour: Black | Harmonized System (HS) code: 84717070 | SSD series: 870 EVO | Units per Pallet: 0 | Units per Shipping Box: 60 | Unit Calculated Volume: 0.0008525 | Unit Calculated Weight: 0.133

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