



**SSD SAMSUNG
870 EVO 1TB
SATA SATA 3.0
MLC Write
speed 530
MBytes/sec
Read speed 560
MBytes/sec 2,5
TBW 600 TB
MTBF 1500000
hours MZ-
77E1T0B/EU**

Model: MZ-77E1T0B/EU

Manufacturer: SAMSUNG

EAN: 8806090545917

Product Code: 406156

R8,707

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.

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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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: 1 TB, 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-1tb-sata-3-2-5-ssd-mz-77e1t0b-eu/> | SSD capacity: 1000 | SSD form factor: 2.5" | Interface: Serial ATA III | NVMe: No | Memory type: V-NAND MLC | Component for: PC | Hardware encryption: Yes | Data transfer rate: 6 | Write speed: 530 | Read speed: 560 | Random read (4KB): 98000 | Random write (4KB): 88000 | Controller type: Samsung MKX | DevSlp (device sleep) support: Yes | S.M.A.R.T. support: Yes | TRIM support: Yes | Security algorithms: 256-bit AES | Mean time between failures (MTBF): 1500000 | Windows operating systems supported: Windows 10/Windows 10 x64/Windows 7/Windows 7 x64/Windows 8/Windows 8 x64/Windows Vista | Mac operating systems supported: Yes | Linux operating systems supported: Yes | Server operating systems supported: Windows Server 2003/Windows Server 2003 x64 | TBW rating: 600 | Operating voltage: 5 | Power consumption (max): 4 | Power consumption (average): 2.5 | Power consumption (idle): 0.03 | Width: 100 | Depth: 70 | Height: 7 | Weight: 86 | Package width: 101 | Package depth: 146 | Package height: 24 | Package weight: 88 | Package type: Box | Operating temperature (T-T): 0 - 70 | Operating shock: 1500 | Product colour: Black | Harmonized System (HS) code: 84717070 | Unit Calculated Weight: 0.129 | Product Net Weight: 0.045 | Unit Calculated Volume: 0.0008587 | Units per Shipping Box: 60 | Unit Width: 10.1 | Shipping Box Height: 28 | Unit Depth: 14.6 | Unit Height: 2.3 | Name: SSD SATA2.5" 1TB 6GB/S/870 EVO MZ-77E1T0B/EU SAMSUNG | SSD series: 870 EVO

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