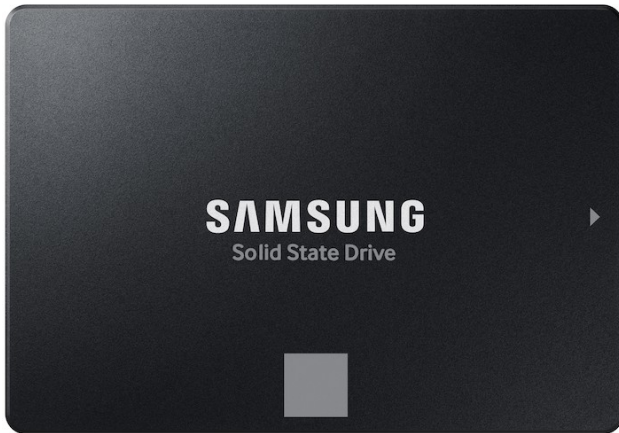


Samsung 870 EVO



Artikel	118593
Herstellernummer	MZ-77E1T0B/EU
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Samsung	

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.

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.

Zusammenfassung

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Samsung 870 EVO, 1 TB, 2.5", 560 MB/s, 6 Gbit/s

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/Laptop

Merkmale

Logistics data

Harmonized System (HS) code 84717070

Operational conditions

Operating shock 1500 G

Other features

Product colour Black

Packaging data

Package type Box

Power

Power consumption (max) 4 W
Power consumption (average) 2.5 W

Weight & dimensions

Width 100 mm
Depth 70 mm
Height 7 mm
Weight 86 g

Features

Security algorithms 256-bit AES
SSD capacity 1 TB
SSD form factor 2.5"
Interface Serial ATA III
NVMe No

Memory type	V-NAND
Component for	PC/Laptop
Hardware encryption	Yes
Data transfer rate	6 Gbit/s
Read speed	560 MB/s
Write speed	530 MB/s
DevSlp (device sleep) support	Yes
S.M.A.R.T. support	Yes
TRIM support	Yes
Mean time between failures (MTBF)	1500000 h
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

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.