870 EVO | QVO
The definitive SSD for every need
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The world's favorite SSD series

The 880 EVO and 860 QVO are Samsung's latest SATA SSDs in the EVO series that boost your demanding apps and reliably deliver SSDs that meet and exceed data management needs. Accelerating all computing processes, including everyday computing (from booting, opening, to processing heavy workloads), this affordable and easy-to-install SSD series is a great choice for replacing traditional HDDs.

Accelerate every task

Experience a computing environment optimized for faster booting, multi-tasking, and high-end gaming. The 880 series boosts your computer's performance up to 5.5 times more compared to traditional HDDs, providing read/write speeds up to 560/530 MB/s respectively. The intelligent TurboWrite technology also helps maintain peak performance for the long run.

Sustainable performance

For world-class practicality and reliability, the 880 EVO features improved sustainable performance up to 150% over standard SATA SSDs, providing consistent performance throughout heavy or prolonged workloads. The 870 EVO gives you up to 1,050 TBW or 5 years limited warranty and the 870 QVO drives up to 2,000 TBW or 5 years limited warranty, making sure your SSD experience stands the test of time.

Tailored for any user

The 880 series meets the SSD needs of every user. Check to see which model will suit your needs.

870 EVO
- The latest TLC 3D V-NAND model of the world's best-selling SSD series
- Sequential read/write speeds of up to 560/530 MB/s
- Versatile enough to meet the needs of any user

870 QVO
- The largest QLC SSD providing 8TB of scalable storage
- Provides maximum sequential read/write speeds of up to 640/560 MB/s
- Offering an economic performance at an affordable price for mainstream users

Innovative cloud SSD
- Samsung's 1-bit data encoding technology, which can help to operate cloud data centers more efficiently and cost-effectively, providing high performance and optimal energy savings.

Upgrade Easily

Anyone can easily upgrade to SSD series SSD. Just plug in the EVO series to any PC or laptop that supports the standard 2.5 or 3.5-inch form factor, and run the speed migration software to upgrade your computing experience in no time.

1. Back-up your data to SSD with Samsung Migration Software
2. Replace the existing drive with the SSD for boot and use your PC

Terabyte-level storage

With more than enough capacity, the EVO series can handle 4TB volume and massive 3D Flash for ease. With the E80 series, it is available in various sizes (250GB, 500GB, 1TB, 2TB, 4TB, 8TB, 16TB, 32TB, 64TB, 128TB). For the first time consumer-ready SSDs in the E80 series, opens up new era of affordable terabyte SSDs through options of 1TB, 2TB, 4TB, and 8TB.

870 EVO
- 4TB / 2TB / 1TB
- 500GB / 250GB

870 QVO
- 8TB
- 4TB / 2TB / 1TB
- 500GB / 250GB