

Samsung 860 QVO 2.5" 1 TB Serial ATA III V-NAND MLC

Brand : Samsung

Product code: MZ-76Q1T0BW

Product name : 860 QVO

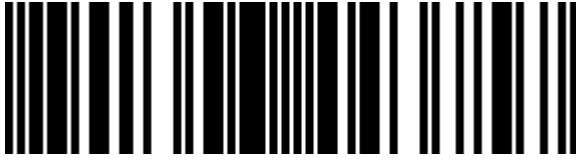
- Samsung V-NAND technology
- Up to 550 MB/s read and 520 MB/s write speeds
- Up to 1,440 TBW or 3-year limited warranty

860 QVO SATA III 2.5 inch SSD

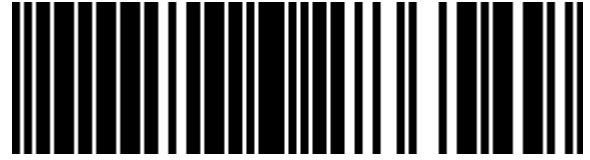
Samsung 860 QVO. SSD capacity: 1 TB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s, Component for: Laptop



Features		Features	
NAND flash type	MLC (Multi Level Cell)	Active garbage collection	✓
Security algorithms	256-bit AES	TCG Opal 2.0	✓
SSD form factor *	2.5"	TBW rating	1440
SSD capacity *	1 TB	Power	
Interface *	Serial ATA III	Operating voltage	5 V
Memory type *	V-NAND MLC	Power consumption (max)	4 W
NVMe *	✗	Power consumption (average)	2.2 W
Component for *	Laptop	Power consumption (idle)	0.03 W
Data transfer rate	6 Gbit/s	Operational conditions	
Read speed	550 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	520 MB/s	Storage temperature (T-T)	-40 - 85 °C
Random read (4KB)	96000 IOPS	Storage relative humidity (H-H)	5 - 95%
Random write (4KB)	89000 IOPS	Operating shock	1500 G
Controller type	Samsung MJX	Weight & dimensions	
DevSlp (device sleep) support	✓	Width	100 mm
S.M.A.R.T. support	✓	Depth	69.8 mm
TRIM support	✓	Height	6.8 mm
ECC	✓	Weight	51 g
IEEE 1667	✓	Logistics data	
Mean time between failures (MTBF)	1500000 h	Harmonized System (HS) code	84717070
		Other features	
		Product colour	Silver



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