

Samsung SSD 860 DCT 3840GB 2.5" SATA



Code:
SSDSA0000037

Vendor code:
MZ-76E3T8E

EAN code:
8801643241612

860 DCT SATA III 3.8TB 6.35 cm (2.5")

V-NAND Technology

Samsung's V-NAND flash memory helps to overcome the limitations of conventional planar NAND architecture. It stacks 48 cell layers vertically over one another rather than trying to fit itself onto a fixed horizontal space, in order to provide high density and performance with a small footprint.

Optimized Performance & Value

Built to handle the heavier workloads of data center usage, the 860DCT delivers a high level of sustained performance at a great value for your business.

Outstanding Reliability

The 860DCT 3.8TB is optimized for server and data center environments by offering reinforced endurance, low power consumption and a 3-year limited warranty up to 1,396 TBW.

Data Protection for Peace of Mind

Secure data without performance degradation thanks to AES 256-bit encryption.

Efficient Power Management

Thanks to low power consumption, you can enhance efficiency for operations and maintenance.

S.M.A.R.T.

Monitor the computer drives proactively to detect and report various reliability indicators with Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T).

Samsung Components

Samsung's solid state drives are built entirely from Samsung components, leveraging our extensive OEM expertise to allow complete, optimized integration.- Designed for optimized performance and value in read-intensive enterprise applications thanks to Samsung's proprietary 3-bit MLC V-NAND- Delivers enhanced efficiency for operations and maintenance thanks to low power consumption- Reliable solid state drive with the endurance to handle heavy workloads for servers

Eisen aan de omgeving

Luchtvochtigheid bij opslag	5 - 95 procent
Relatieve luchtvochtigheid, in bedrijf	5 - 95 procent
Schokbestendigheid	1500 G
Schokbestendigheid (buiten gebruik)	1500 G
Temperatuur bij opslag	-40 - 85 °C
Temperatuur, in bedrijf	0 - 70 °C
Trillingen bij opslag	20 G

Energie

Stroomverbruik (idle)	1,05 W
Stroomverbruik (lezen)	2,02 W
Stroomverbruik (schrijven)	2,95 W

Gewicht en omvang

Breedte	100,1 mm
Diepte	69,9 mm
Gewicht	60 g
Hoogte	6,9 mm

Kenmerken

Actieve garbagecollection	Ja
Component voor	Server/werkplaats
Interface	SATA III
Mean time between failures (MTBF)	1500000 uur

NAND-flashtype	MLC (Multi Level Cell)
NVMe	Nee
Ondersteunde beveiligingsalgoritmen	256-bit AES
Optische drivecontroller	Samsung MJX
Overdrachtssnelheid	6 Gbit/s
Random read (4KB)	98000 IOPS
Random write (4KB)	19000 IOPS
S.M.A.R.T. support	Ja
Sequentiële leessnelheid (AS SSD)	550 MB/s
Sequentiële schrijfsnelheid (AS SSD)	520 MB/s
SSD capaciteit	3840 GB
SSD-vormfactor	2.5"
TBW-classificatie	1396
TRIM support	Ja
Type geheugen	MLC

Overige specificaties

Kleur van het product	Zwart
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