SAMSUNG

Samsung PM863a 480 GB 2.5" Serial ATA III TLC



Marke : Samsung

Artikel-Code: MZ7LM480HMHQ-00005

Produktname : PM863a

Samsung PM863a. SSD Speicherkapazität: 480 GB, SSD-Formfaktor: 2.5", Lesegeschwindigkeit: 520 MB/s, Schreibgeschwindigkeit: 480 MB/s, Datenübertragungsrate: 6 Gbit/s

Merkmale	
Unterstützte Sicherheitsalgorithmen	256-bit AES
SSD Speicherkapazität *	480 GB
SSD-Formfaktor *	2.5"
Schnittstelle *	Serial ATA III
Speichertyp *	TLC
Hardwareverschlüsselung *	✔
Datenübertragungsrate	6 Gbit/s
Lesegeschwindigkeit	520 MB/s
Schreibgeschwindigkeit	480 MB/s
Zufälliges Lesen (4KB)	97000 IOPS
Zufälliges Schreiben (4KB)	16000 IOPS
S.M.A.R.T. Unterstützung	✔
TRIM-Unterstützung	✔
Unkorrigierbare Bit Error-Rate (UBER)	< 1 per 10^17 bits read
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	2000000 h
Energie	
Arbeitsspannung	5 V

Energie	
Energieverbrauch (lesen)	3 W
Energieverbrauch (schreiben)	3 W
Energieverbrauch (idle)	1,3 W
Gewicht und Abmessungen	
Breite	100 mm
Tiefe	6,8 mm
Höhe	68,8 mm
Gewicht	54,34 g
Betriebsbedingungen	
Betriebstemperatur	0 - 70 °C
Temperaturbereich bei Lagerung	-40 - 85 °C
Luftfeuchtigkeit bei Lagerung	5 - 95%
Stoßfestigkeit in Betrieb	1500 G
Sonstige Funktionen	
Produktfarbe	Schwarz
NAND-Controller	V-NAND
Logistikdaten	
Warentarifnummer (HS)	84717070

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