

3.8TB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP038TIMDC355SV0



Preis auf Anfrage

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Your benefits

- ✓ verified quality
- ✓ many years of IT competence
- ✓ high availability
- ✓ free support on our hotline
- ✓ fast delivery

100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspections include checks of the components in order to exclude possible errors already in the incoming goods department (Controlled BOM).
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel

Product information

General

Interface	SATA III/6.0Gbps
Flash Technology	3D TLC
Capacity	3.8TB
Form Factor	M.2 2280 (B+M key)
Dimensions	80.0 x 22.0 x 3.5 mm
External DRAM Buffer	Yes
Manufacturer Part No.	SP038TIMDC355SV0

Performance

Seq. Performance Read (max.)	560 MB/s
Seq. Performance Write (max.)	515 MB/s
Random 4K Read (IOPS max.)	92,000
Random 4K Write (IOPS max.)	81,000
MTBF @ 25 °C	>3,000,000 hrs
P/E Cycle	3,000
TBW	10,287 TB

Operating Environment

Operating Temperature	-20°C~75°C
Storage Temperature	-55°C~95°C
Operating Humidity	10%~95% (30°C Max. Wet Bulb Temp)
Vibration	20G, 10~2000Hz
Drop	75cm
Shock	1,500G@0.5ms

Power Consumption

Power Requirement	DC 3.3V
Power Operation (max.)	750 mA
Power Idle / Standby	110 mA

Key Features

Advanced Power Shield	Yes
End-to-End Data Protection	Optional
TCG Opal 2.0	Optional
AES-256	Optional
Thermal Throttling	Yes
DEVSLP	Yes
S.M.A.R.T	Yes

EAN 4713436161905

manufacturer Silicon Power

Other possible options

Product	SKU	Brand	Reference no.
256GB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP256GIMDC355SV0	SP597174	Silicon Power	SP256GIMDC355SV0
128GB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP128GIMDC355SV0	SP597173	Silicon Power	SP128GIMDC355SV0
3.8TB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP038TIMDC355SV0	SP597178	Silicon Power	SP038TIMDC355SV0
2TB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP020TIMDC355SV0	SP597177	Silicon Power	SP020TIMDC355SV0
1TB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP010TIMDC355SV0	SP597176	Silicon Power	SP010TIMDC355SV0
512GB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP512GIMDC355SV0	SP597175	Silicon Power	SP512GIMDC355SV0

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