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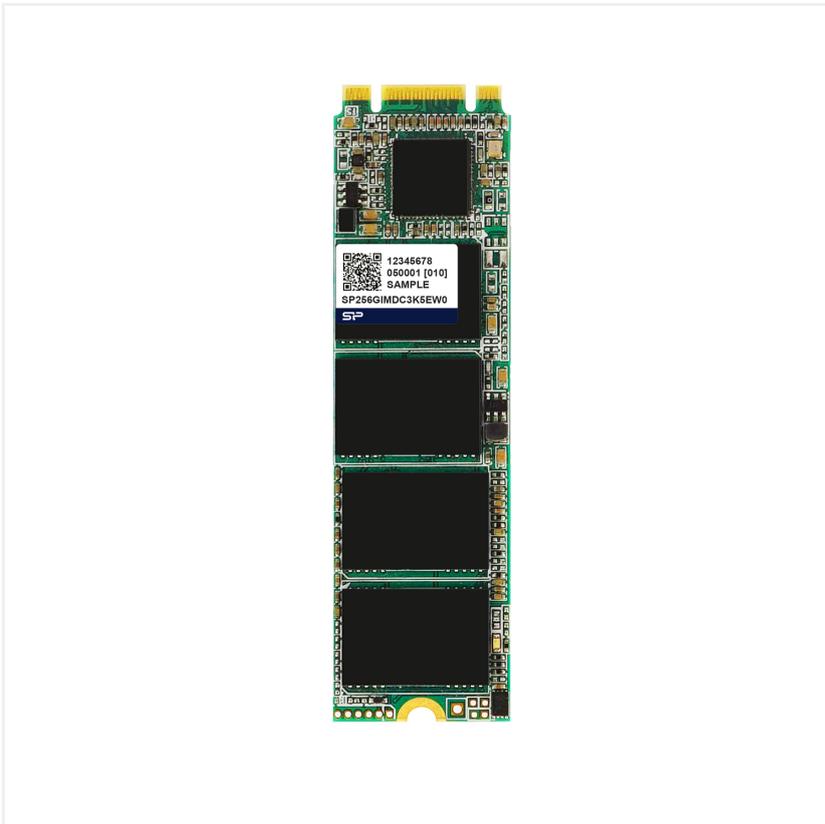
256GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP256GIMDC3K5EW0

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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	256GB
Form Factor	M.2 2280 (B+M key)
Dimensions	80.0 x 22.0 x 3.5 mm
External DRAM Buffer	No
Manufacturer Part No.	SP256GIMDC3K5EW0

Performance

Seq. Performance Read (max.)	540 MB/s
Seq. Performance Write (max.)	515 MB/s
Random 4K Read (IOPS max.)	49,000
Random 4K Write (IOPS max.)	70,000
MTBF @ 25 °C	>3,000,000 hrs
P/E Cycle	3,000
TBW	551TB

Operating Environment

Operating Temperature	-40°C~85°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.)	330 mA
Power Idle / Standby	56 mA

Key Features

Advanced Power Shield	Yes
AES-256	Yes
Thermal Throttling	Yes
DEVSLP	Optional
S.M.A.R.T	Yes
Write Protect	Optional
Quick Erase	Optional
DAP	Yes
FWxpress	Yes

EAN	4713436164647
manufacturer	Silicon Power

Other possible options

Product	SKU	Brand	Reference no.
2TB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP020TIMDC3K5EV0	SP597196	Silicon Power	SP020TIMDC3K5EV0
1TB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP010TIMDC3K5EV0	SP597195	Silicon Power	SP010TIMDC3K5EV0
512GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP512GIMDC3K5EV0	SP597194	Silicon Power	SP512GIMDC3K5EV0
256GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP256GIMDC3K5EV0	SP597193	Silicon Power	SP256GIMDC3K5EV0
128GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP128GIMDC3K5EV0	SP597192	Silicon Power	SP128GIMDC3K5EV0
64GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP064GIMDC3K5EV0	SP597191	Silicon Power	SP064GIMDC3K5EV0
2TB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP020TIMDC3K5EW0	SP597204	Silicon Power	SP020TIMDC3K5EW0
1TB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP010TIMDC3K5EW0	SP597203	Silicon Power	SP010TIMDC3K5EW0
512GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP512GIMDC3K5EW0	SP597202	Silicon Power	SP512GIMDC3K5EW0
256GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP256GIMDC3K5EW0	SP597201	Silicon Power	SP256GIMDC3K5EW0
64GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP064GIMDC3K5EW0	SP597199	Silicon Power	SP064GIMDC3K5EW0
128GB MDC3K0E - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - Wide Temp - SP128GIMDC3K5EW0	SP597200	Silicon Power	SP128GIMDC3K5EW0

Contact Information

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All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.it