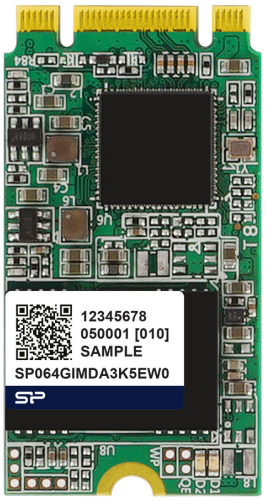
64GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP064GIMDA3K5EW0



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

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Product information

General

Interface	SATA III/6.0Gbps
Flash Technology	3D TLC
Capacity	64GB
Form Factor	M.2 2242 (B+M key)
Dimensions	42.0 x 22.0 x 3.5 mm
External DRAM Buffer	No
Manufacturer Part No.	SP064GIMDA3K5EW0

Performance

Seq. Performance Read (max.)	540 MB/s
Seq. Performance Write (max.)	520 MB/s
Random 4K Read (IOPS max.)	29,000
Random 4K Write (IOPS max.)	84,000
MTBF @ 25 °C	>3,000,000 hrs
P/E Cycle	3,000
TBW	139TB

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.)	460 mA
Power Idle / Standby	< 115mA

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	4713436150000
manufacturer	Silicon Power

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Other possible options

Product	SKU	Brand	Reference no.
1TB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP010TIMDA3K5EW0	SP596456	Silicon Power	SP010TIMDA3K5EW0
512GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP512GIMDA3K5EW0	SP596455	Silicon Power	SP512GIMDA3K5EW0
256GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP256GIMDA3K5EW0	SP596454	Silicon Power	SP256GIMDA3K5EW0
128GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP128GIMDA3K5EW0	SP596453	Silicon Power	SP128GIMDA3K5EW0
64GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP064GIMDA3K5EW0	SP596452	Silicon Power	SP064GIMDA3K5EW0
1TB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP010TIMDA3K5EV0	SP596451	Silicon Power	SP010TIMDA3K5EV0
512GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP512GIMDA3K5EV0	SP596450	Silicon Power	SP512GIMDA3K5EV0
256GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP256GIMDA3K5EV0	SP596449	Silicon Power	SP256GIMDA3K5EV0
128GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP128GIMDA3K5EV0	SP596448	Silicon Power	SP128GIMDA3K5EV0
64GB MDA3K0E - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP064GIMDA3K5EV0	SP596447	Silicon Power	SP064GIMDA3K5EV0

Contact Information

PHS-electronic gmbh
- www.phs-memory.es -
Karl-Götz-Str. 5
97424 Schweinfurt
Alemania

Phone: +49 9721 784678
E-Mail: info@phs-memory.es
Web: www.phs-memory.es

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