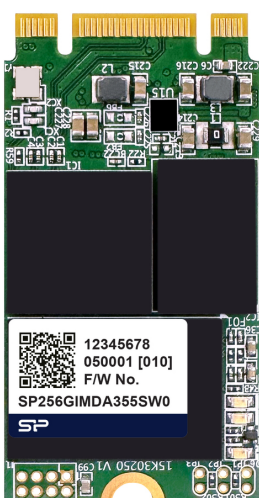


256GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP256GIMDA355SW0



Preis auf Anfrage

<https://www.phs-memory.it>

Version: 23.01.2026 16:44

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 2242 (B+M key)
Dimensions	42.0 x 22.0 x 3.5 mm
External DRAM Buffer	Yes
Manufacturer Part No.	SP256GIMDA355SW0

Performance

Seq. Performance Read (max.)	520 MB/s
Seq. Performance Write (max.)	400 MB/s
Random 4K Read (IOPS max.)	29,000
Random 4K Write (IOPS max.)	26,000
MTBF @ 25 °C	>3,000,000 hrs
P/E Cycle	30,000/3,000
TBW	686 TB

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.)	520 mA
Power Idle / Standby	160 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	4713436154921
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manufacturer	Silicon Power
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Other possible options

Product	SKU	Brand	Reference no.
64GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP064GIMDA355SV0	SP596431	Silicon Power	SP064GIMDA355SV0
128GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP128GIMDA355SV0	SP596432	Silicon Power	SP128GIMDA355SV0
256GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP256GIMDA355SV0	SP596433	Silicon Power	SP256GIMDA355SV0
512GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP512GIMDA355SV0	SP596441	Silicon Power	SP512GIMDA355SV0
1TB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - SP010TIMDA355SV0	SP596442	Silicon Power	SP010TIMDA355SV0
128GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP128GIMDA355SW0	SP596443	Silicon Power	SP128GIMDA355SW0
256GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP256GIMDA355SW0	SP596444	Silicon Power	SP256GIMDA355SW0
512GB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP512GIMDA355SW0	SP596445	Silicon Power	SP512GIMDA355SW0
1TB MDA350S - Industrial SSD - 3D TLC - M.2 2242 (B+M Key) - SATA III - Wide Temp - SP010TIMDA355SW0	SP596446	Silicon Power	SP010TIMDA355SW0

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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>