

## 256GB MDC350S - Industrial SSD - 3D TLC - M.2 2280 (B+M Key) - SATA III - SP256GIMDC355SV0



Preis auf Anfrage

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

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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  | Yes                  |
| Manufacturer Part No. | SP256GIMDC355SV0     |

### 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                           | 686 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      |

|            |               |
|------------|---------------|
| <b>EAN</b> | 4713436125228 |
|------------|---------------|

|                     |               |
|---------------------|---------------|
| <b>manufacturer</b> | 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 |

## 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.fr>