

## 512GB SSD350R - Industrial SSD - 2.5 inch SATA III SSD - 3D TLC - Wide Temp - SP512GISSD355RW0



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      | TLC                   |
| Capacity              | 512GB                 |
| Form Factor           | 2.5 inch              |
| Dimensions            | 100.4 x 69.9 x 6.8 mm |
| External DRAM Buffer  | Yes                   |
| Manufacturer Part No. | SP512GISSD355RW0      |

### Performance

|                               |                |
|-------------------------------|----------------|
| Seq. Performance Read (max.)  | 560 MB/s       |
| Seq. Performance Write (max.) | 520 MB/s       |
| Random 4K Read (IOPS max.)    | 95,000         |
| Random 4K Write (IOPS max.)   | 91,000         |
| MTBF @ 25 °C                  | >3,000,000 hrs |
| P/E Cycle                     | 3,000          |
| TBW                           | 1,372 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 5.0V |
| Power Operation (max.) | 700 mA  |
| Power Idle / Standby   | 110 mA  |

### Key Features

|                                |          |
|--------------------------------|----------|
| Power Failure Protection (PFP) | Yes      |
| 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> | 4713436157557 |
|------------|---------------|

|                     |               |
|---------------------|---------------|
| <b>manufacturer</b> | Silicon Power |
|---------------------|---------------|

## Other possible options

| Product                                                                                        | SKU      | Brand         | Reference no.    |
|------------------------------------------------------------------------------------------------|----------|---------------|------------------|
| 128GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - SP128GISSD355RV0             | SP596259 | Silicon Power | SP128GISSD355RV0 |
| 512GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - SP512GISSD355RV0             | SP596260 | Silicon Power | SP512GISSD355RV0 |
| 960GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - SP960GISSD355RV0             | SP596261 | Silicon Power | SP960GISSD355RV0 |
| 128GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - Wide Temp - SP128GISSD355RW0 | SP596262 | Silicon Power | SP128GISSD355RW0 |
| 256GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - Wide Temp - SP256GISSD355RW0 | SP596263 | Silicon Power | SP256GISSD355RW0 |
| 512GB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - Wide Temp - SP512GISSD355RW0 | SP596264 | Silicon Power | SP512GISSD355RW0 |
| 1TB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - Wide Temp - SP010TISSD355RW0   | SP596265 | Silicon Power | SP010TISSD355RW0 |
| 2TB SSD350R - Industrial SSD - 2,5 Zoll SATA III SSD - 3D TLC - Wide Temp - SP020TISSD355RW0   | SP596266 | Silicon Power | SP020TISSD355RW0 |

## 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>