- Sequential Read of up to 3,500MB/s and Write of up to 3,200MB/s¹

Product Datasheet



Solid State Drive





- Low power consumption, cool and quiet operation

SSD Solid State Drive

- Faster boot up, loading and file transfers - Quicker loading time and application launch

Features and Benifits

- Reliable storage





All SimDisk SSDs undergo countless in-house stress tests and evaluations to ensure they deliver in absolute quality and reliability

Improve your PC performance with SimDisk Solid State Drive

SimDisk M.2 NVMe PCIe SSD provides top performance for gaming and hardware enthusiasts who are looking to build or upgrade their PC. Powered with the latest 3D NAND technology, with excellent performance of read/write speeds up to 3,500MB/s & 3,200MB/s¹, and delivers 6x the performance of a SATA SSD with quicker loading times, less power consumption and lower heat. All SimDisk SSDs undergo countless in-house performance test and evaluations to ensure they deliver in absolute quality, optimal speeds, high endurance and reliability.

Product Specifications

| Form Factor | M.2 2280 |
|-----------------------|----------------------------------|
| NAND Flash | 3D NAND |
| Interface | NVMe PCle Gen3 x4 |
| Capacities | 128GB, 256B, 512GB, 1TB, 2TB |
| Sequential Read/Write | 128GB-1TB: up to 2,400/2,000MB/s |
| Sequential Read/Write | 2TB: up to 3,500/3200MB/s |
| Operating Temperature | 0°C to +70°C |
| Storage Temperature | -40°C to-85°C |
| Dimensions | 22 x 80 x 3.5 mm |
| Weight | 6.6g |
| Life expectancy | up to 2 million hours MTBF |
| Warranty | 3-Year Limited Warranty |

SimDisk Part Number

| 128GB | SD-128M2N |
|-------|-----------|
| 256GB | SD-256M2N |
| 512GB | SD-512M2N |
| 1TB | SD-1TM2N |
| 2TB | SD-2TM2N |
| | |



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^{1.} Refers to the speed of 2TB model. Speed may vary due to host hardware, software, and usage