# Product Datasheet

# SSD Solid State Drive

#### **Features and Benifits**

- 15x faster than a traditional hard drive, more reliable and durable
- Sequential Read of up to 560MB/s and Write of up to 500MB/s
- Faster boot up, loading and file transfers
- Shock and vibration-resistant for protecting your data
- Reliable storage, Ideal for desktops and laptops

# SimDisk M.2 SATA SSD

Solid State Drive







#### Proven Reliability

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 offers a comprehensive range of Solid State Drives (SSD) in multiple capacities to improve the overall performance for your desktop or laptop computer. Powered with the latest 3D NAND technology and incredible read/write speeds, SimDisk SSD boosts the responsiveness of your existing system - faster boot up and file transfers, ultra-responsive multi-tasking and quicker application launch. 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 SATA SSD
NAND Flash	3D NAND
Interface	SATA-III (6 Gb/s)
Capacities	120GB, 128GB, 240GB, 256GB, 480GB, 512GB, 1TB, 2TB
Sequential Read	up to 560MB/s
Sequential Write	up to 500MB/s
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to-85°C
Dimensions	80mm x 22mm x 2mm
Weight	8g
Life expectancy	up to 2 million hours MTBF
Warranty	3-Year Limited Warranty

### SimDisk Part Number

120GB	SD-120NST
128GB	SD-128NST
240GB	SD-240NST
256GB	SD-256NST
480GB	SD-480NST
512GB	SD-512NST
1TB	SD-1KNST
2TB	SD-2KNST

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<sup>1.</sup> Refers to the speed of 2TB model. Speed may vary due to host hardware, software, and usage.