

SAMSUNG

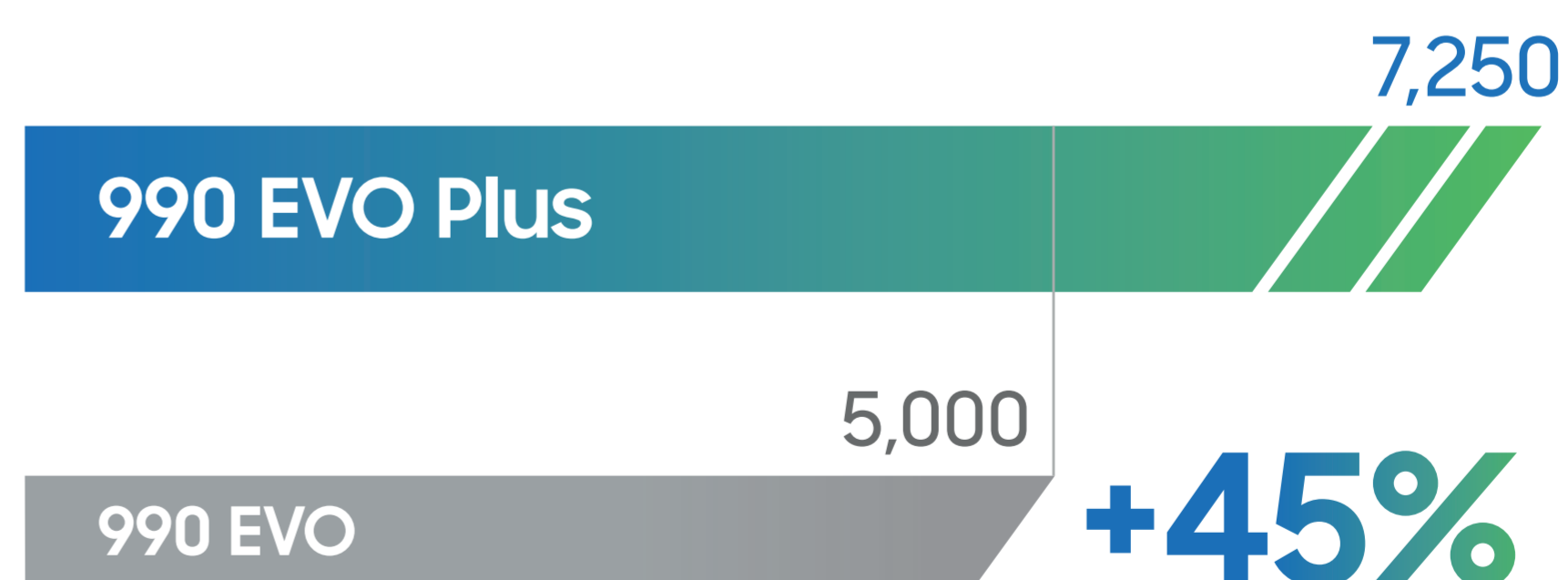
990 EVO Plus

Upgrade everyday performance



Striking speed boost

Turbocharge your tasks. 990 EVO Plus reaches blistering 7,250/6,300MB/s read/write speeds with the latest NAND, enhancing performance by 45%. Accelerate game loads and access huge files faster.



Sequential read up to **7,250MB/s**

Sequential write up to **6,300MB/s**

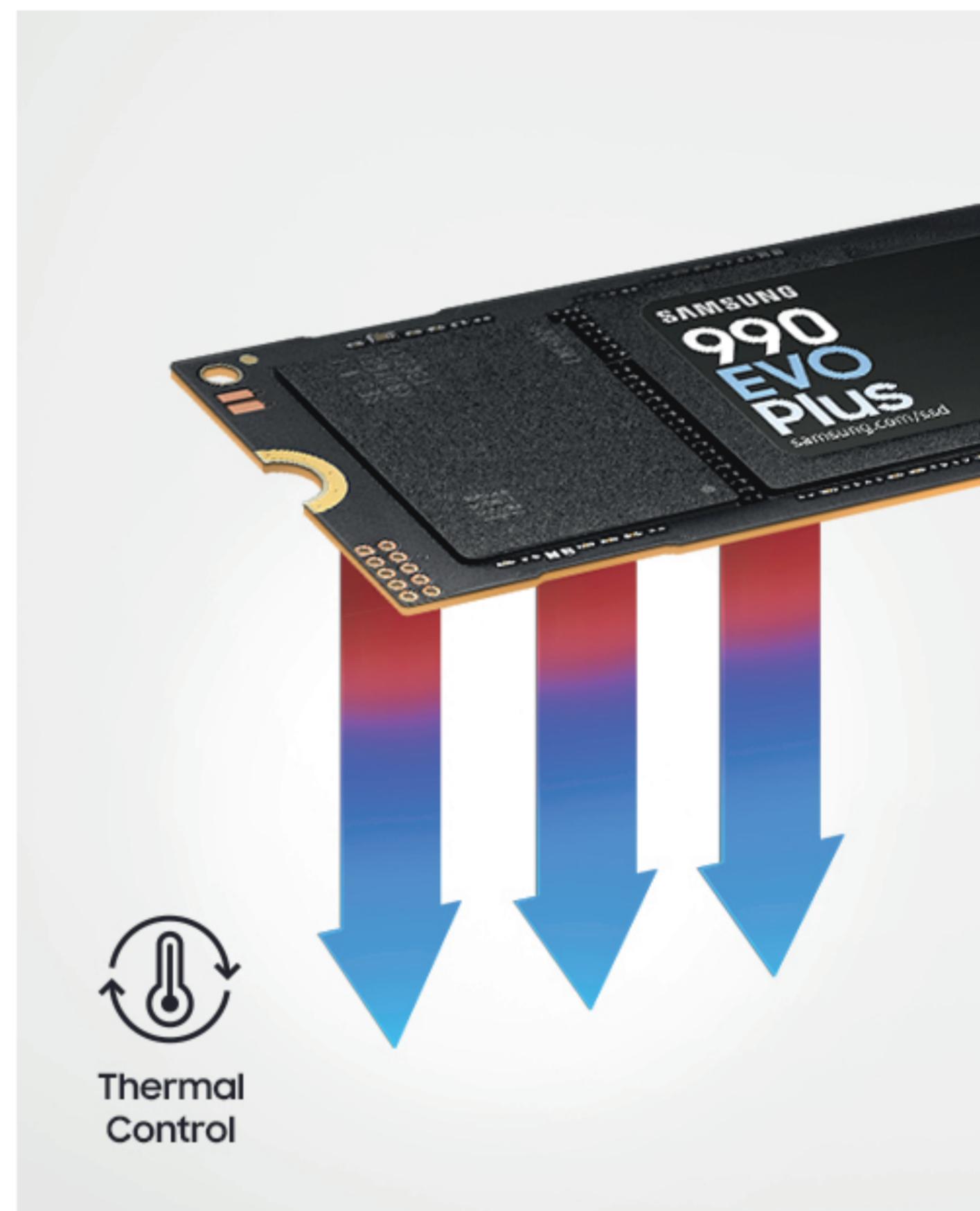


Random read up to **1,050K IOPS**

Random write up to **1,400K IOPS**

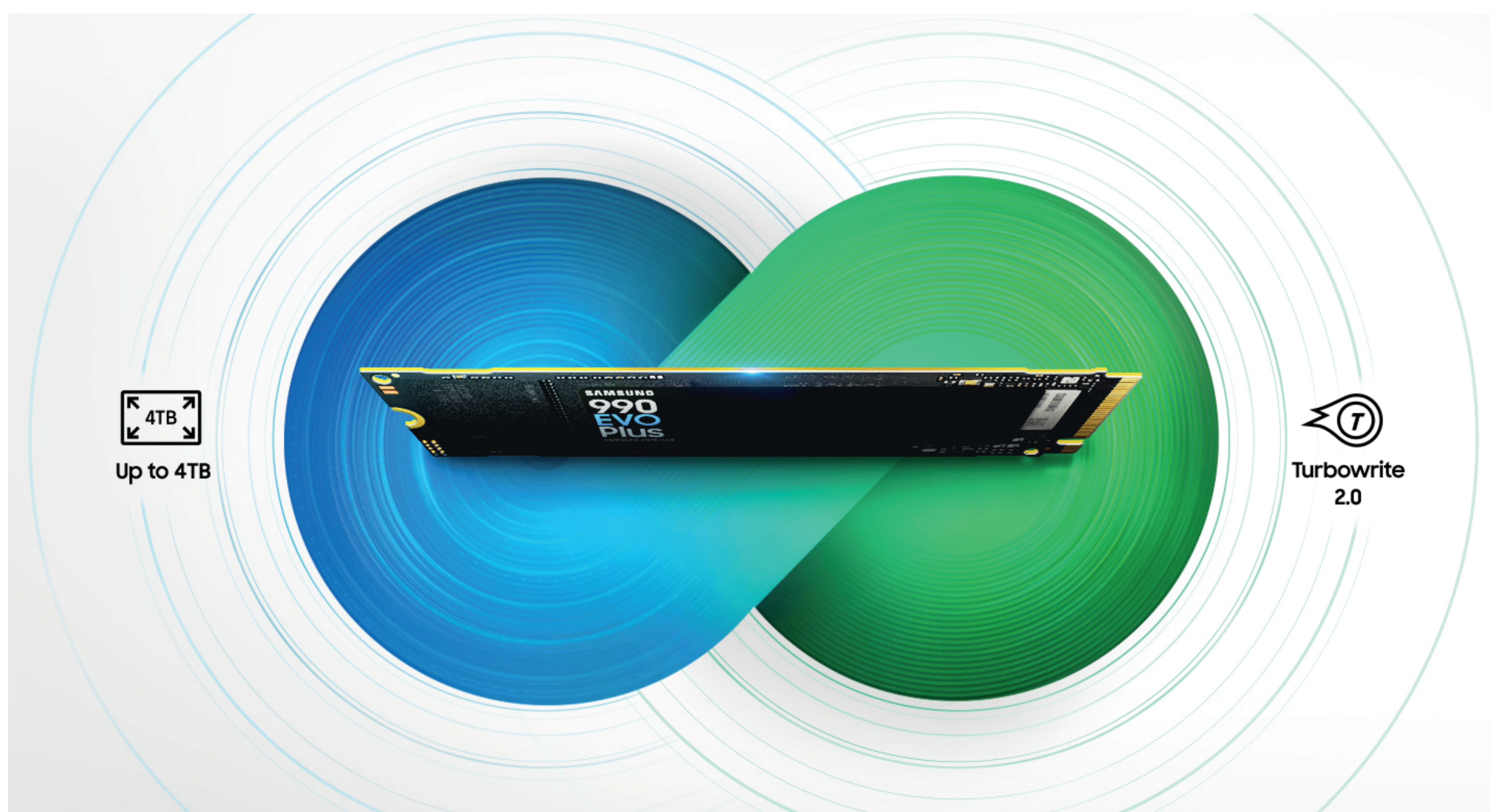
Cool efficiency, sizzling performance

Steady power, more efficient performance. With the nickel-coated controller, 990 EVO Plus is 73% more power-efficient per Watt. Achieve the same power level with less energy use and no heat slowdowns.



Max space. Max speed. Max potential.

Harness the full power of your drive with enhanced Intelligent TurboWrite 2.0. Process massive data faster and breeze through heavy graphics with an enlarged TurboWrite region, now available in cavernous 4TB capacity.



Technical Specifications

		990 EVO Plus		
Model Code		MZ-V9S1T0	MZ-V9S2T0	MZ-V9S4T0
General Feature	Capacity	1TB	2TB	4TB
	Form Factor	M.2 (2280)		
	Interface	PCIe® 4.0 x4 / 5.0 x2 NVMe™ 2.0		
	Dimension (WxHxD)	Max 80.15 x Max 22.15 x Max 2.38 (mm)		
	Weight	Max 9.0g		
	Storage Memory	Samsung V-NAND TLC		
	Controller	Samsung in-house Controller		
Performance	Sequential Read (MB/s)	7,150	7,250	7,250
	Sequential Write (MB/s)	6,300	6,300	6,300
	Random Read (IOPS, QD32)	850K	1,000K	1,050K
	Random Write (IOPS, QD32)	1,350K	1,350K	1,400K
Software	Management Software	Samsung Magician software		
Warranty	TBW	600	1200	2400
	Period	5-year limited warranty		

*The NVMe™ design mark is a registered trademark of NVM Express, Inc.

*1GB = 1,000,000,000 bytes by IEC. A certain portion of capacity may be used for system file and maintenance use, so the actual capacity may differ from what is indicated on the product label.

*Sequential and random write performance was measured with Intelligent Turbo Write technology being activated. Intelligent Turbo Write operates only within a specific data transfer size. Performance may vary depending on SSD's firmware, system hardware & configuration and other factors.

*Five years or total bytes written (TBW), whichever comes first. For more information on the warranty, please refer to the enclosed warranty document in the package.

For more information about the Samsung SSD, visit samsung.com/ssd

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