

Product

SAT5210-7000G



Hardware Specifications

General	
Capacity	7 TB
Form Factor	2.5" 7mm
Interface	SATA 6 Gb/s
Performance	
Sustained Sequential read (128 KB, QD32)	530 MB/s
Sustained Sequential write (128 KB, QD32)	500 MB/s
Sustained Random Read (4KB, QD32)	97,000 IOPS
Sustained Random Write (4KB, QD32)	50,000 IOPS
Notes	<ul style="list-style-type: none">All performance measurement were reached in full sustained mode based on the JESD219A enterprise workload, defined by JEDEC Solid State Technology Association.Performance specifications refer to SSD performance only. Actual performance may vary depending on the hardware and software configuration of the host system.
Endurance and Reliability	
Terabytes Written (TBW)*	>10,000 TB
Power Loss Protection	v
Warranty*	5 Years

Notes

- Based on the JESD219A enterprise workload.
- 5-year limited warranty provides coverage until the end of the warranty period or until the endurance usage of the drive has been reached, whichever comes first.
[\(Learn more\)](#)

Power Consumption

Active Read (Typ.)

3.3 W

Active Write (Typ.)

5.1 W

Idle

1.8 W

Notes

Power consumption may differ according to configurations and platforms.

Temperature

Operating Temperature

0°C to 70°C (32°F to 158°F)

Storage Temperature

-40°C to 85°C (-40°F to 185°F)

Compatibility

Applied Models

- [SAT5210-7000G](#)
- [SAT5220-3840G](#)
- [SAT5220-1920G](#)
- [SAT5210-960G](#)
- [SAT5210-480G](#)