micron
crucial

Crucial® T710 PCIe Gen5 NVMe® M.2 SSD

Warp speed ahead

Reach your end game faster

Make every microsecond count with the Crucial® T710 Gen5 NVMe® SSD. Built for serious gaming and professional creative applications, the T710 speeds up your experience with 14,900/13,800MB/s sequential and 2.2M/2.3M random reads/writes[1]. The T710 is based on Micron® G9 TLC NAND[2] and features an optional integrated heatsink[3] for unthrottled[4] use. The T710's single-sided, low-power design is ideal for PCs and laptops.

Sequential reads/ writes up to 14,900/13,800MB/s[1]

DirectStorage enabled for better game support and performance[7]

Premium heatsink

crucial.com/t710

Stomp. Wreck. Shred.

Whatever word you want to use to describe it, the result is the same: total domination. The T710 is for gamers who want the performance to win big and take command of every moment.

- Up to 14,900/13,800MB/s sequential reads/writes[1]
- Up to 2.2M/2.3M random reads/writes[1]

Bolster any battle station

You deserve the best, no matter where you are. The T710 uses ~25% less power[5] than previous Gen5 drives, so it produces less heat and enables longer battery life. It's compatible with PCs, laptops, and gaming systems, so you can keep your streak alive at home and on the go.

- Single-sided design to go everywhere
- Lower power and heat for laptops

Stay cool under pressure

In the heat of the moment, you need to have confidence that your storage will keep its cool. The integrated heatsink[3] on the T710 can handle the most heated situations, when the stakes arethe highest.

- Integrated heatsink for unthrottled[4] desktop use
- Up to 2400TBW endurance

Give yourself room to grow

Expand and thrive with new games, videos, photos and the apps you need to run them. The T710 expands your potential for gaming and creativity, giving you quick access to huge libraries and immersive experiences.

- Available in 1, 2 and 4TB options[6]
- DirectStorage optimized for better game support and performance[7]

Crucial® T710 M.2 2280 NVMe/PCIe NAND Flash SSD

Parameter	Capacity			Unit
	1000GB	2000GB	4000GB	
Sequential read (1MB transfer)	14.900	14,500	14,500	MB/s
Sequential write (1MB transfer)	13,700	13,800	13,800	MB/s
Random read (4KB transfer)	1,800,000	2,200,000	2,200,000	IOPS
Random write (4KB transfer)	2,200,000	2,300,000	2,300,000	IOPS
Endurance	600	1,200	2,400	TBW
MTTF	1.5	1.5M	1.5M	Hour

Product dimensions		
	With heatsink	Without heatsink
Length	3.15 in	3.15 in
Height	0.83 in	0.15 in
Width	0.92 in	0.87 in
Weight	1.94 oz	0.35 oz

1. Typical I/O performance as measured using CrystalDiskMark® with a queue depth of 512 and write cache enabled. Windows 11 Core isolation disabled for performance measurement. Fresh out-of-box (FOB) state is assumed. For performance measurement purposes, the SSD may be restored to FOB state using the secure erase command. System variations will affect measured results.
2. See Micron.com/products/nand-flash for more information.
3. Non-heatsink versions of the Crucial T710 must be installed with a motherboard or alternate heatsink to achieve optimal performance.
4. Under typical conditions for airflow and ambient temperature, our pre-installed premium heatsink allows the T710 Gen5 SSD to run at max workload without the need to thermal throttle. Comparisons made to SSD temperatures without a cooling apparatus. Please ensure your drive has proper airflow for maximum performance.
5. The Crucial T710 SSD uses 8.25W compared to 11.25W for the Crucial T705 SSD, resulting in a power savings of 26.6%.
6. Some storage capacity is used for formatting and other purposes and is not available for data storage. 1GB equals 1 billion bytes.
7. Compared to Gen5 SSD performance without DirectStorage, based on internal test results with supported GPU that uses GPU decompression.
8. Warranty valid for 5 years from the original date of purchase or before writing the maximum total bytes written (TBW) as published in the product datasheet and as measured in the product's SMART data, whichever comes first.