Ultimate Graphene Thermal Solution

COOL DOWN 9%

T·FORCE CARDEA ZERO Z340 Gen.3x4 SSD
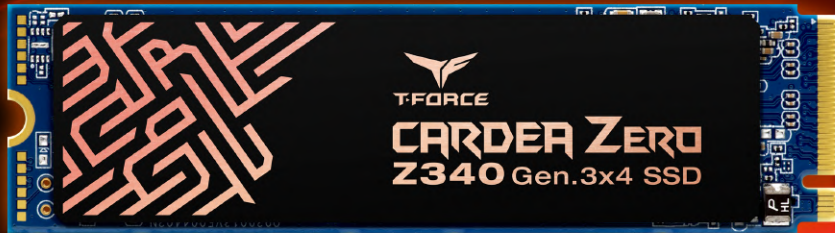
CARDEA ZERO Z340 M.2 PCIe Gaming SSD

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With patented ultra-thin graphene cooling module, T-FORCE CARDEA ZERO-Z340 PCIe M.2 SSD's sequential read/write speeds can reach up to 3,400/3,000MB/s! The all-around smart management technology improves data operation efficiency, security and prolongs the service life of the solid state drive.

Cool down 9%   Super-slim Graphene   Ultra-thin Copper

Main Feature

- High speed read/write performance
- Ultra-thin and lightweight structure
- Patented graphene cooling technology
- All-around smart management technology
- Taiwan Utility PATENT (number: M591304)

Ordering Information

Capacity	Team P/N
256GB	TM8FP9256G0C311
512GB	TM8FP9512G0C311
1TB	TM8FP9001T0C311

Specification

Interface	PCIe Gen3 x4 with NVMe 1.3
Capacity	256GB / 512GB / 1TB[1]
Voltage	DC +3.3V
Operation Temperature	0˚C ~ 70˚C
Storage Temperature	-40˚C ~ 85˚C
Terabyte Written	256GB / >380TB 512GB / >800TB 1TB / >1,665TB[2]
Performance	Crystal Disk Mark: 256GB Read/Write: up to 3,000/1,000 MB/s 512GB Read/Write: up to 3,400/2,000 MB/s 1TB Read/Write: up to 3,400/3,000 MB/s[3] IOPS: 256GB Read/Write: 200K/200K IOPS Max 512GB Read/Write: 350K/300K IOPS Max 1TB Read/Write: 450K/400K IOPS Max[3]
Weight	9g
Dimensions	80.0(L) x 22.0(W) x 3.7(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz~2,000Hz/20G
Shock	1,500G/0.5ms
MTBF	2,000,000 hours
Operating System	System Requirements: • Windows 10 / 8.1 / 8 / 7 / Vista[4] • Linux 2.6.33 or later
Warranty	5-year limited warranty[5]

[1] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB
[2] Definition and conditions of TBW (Terabytes Written)are based on JEDEC standard
[3] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.
[4] PCIe SSD works best under WIN8.1 and WIN10 operating system. Windows Operating Systems earlier than Windows 8.1 does not support NVMe Driver natively. Users will need to install NVMe Driver prior installing the SSD.
[5] The SSD is based on the TBW or Warranty period.
※All the test data is provided by TEAMGROUP's laboratory and the information of test data is only for reference. We reserve the right to modify product specifications without prior notice.

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