Ceramic Technology





Light & thin | Anti-interference | Temperature resistant | Resistant thermal shock

CARDEA Ceramic C440 M.2 PCIe Gaming SSD

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T-FORCE CARDEA Ceramic C440 Solid State Drive uses the latest, ultra-fast PCIe Gen4x4 interface, and offers up to 2TB of large storage. The amazing sequential read/write speeds can reach as high as 5,000/4,400 MB/s. The ultra-thin ceramic cooling composite materials provide excellent heat dissipation, while also showing the aesthetic of thinness of T-FORCE CARDEA Ceramic.

Main Feature

- Unleash the ultimate power
- Beautiful and thin as a snowflake
- Top specification that breaks through the limit
- Aerospace ceramic material for better heat dissipation
- Trustworthy smart management technology

Ordering Information

Capacity	Team P/N
1TB	TM8FPA001T0C410
2TB	TM8FPA002T0C410



Specification

Interface	PCIe Gen4x4 with NVMe 1.3
Capacity	1TB / 2TB[1]
Voltage	DC +3.3V
Operation Temperature	0°C to 70°C
Storage Temperature	-40°C ~ 85°C
Terabyte Written	1TB /1800TBW 2TB/ 3600TB[2]
Performance	Crystal Disk Mark: 1TB Read/Write: up to 5,000/4,400 MB/s 2TB Read/Write: up to 5,000/4,400 MB/s[3] IOPS: 1TB Read/Write: 750K/750K IOPS Max 2TB Read/Write: 750K/750K IOPS Max[3]
Weight	13.5g
Dimensions	80.0(L) x 22.0(W) x 4.75(H) mm
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz~2000Hz/20G
Shock	1500G/0.5ms
MTBF	1,700,000 Hours
Operating System	System Requirements: • Windows 10 / 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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