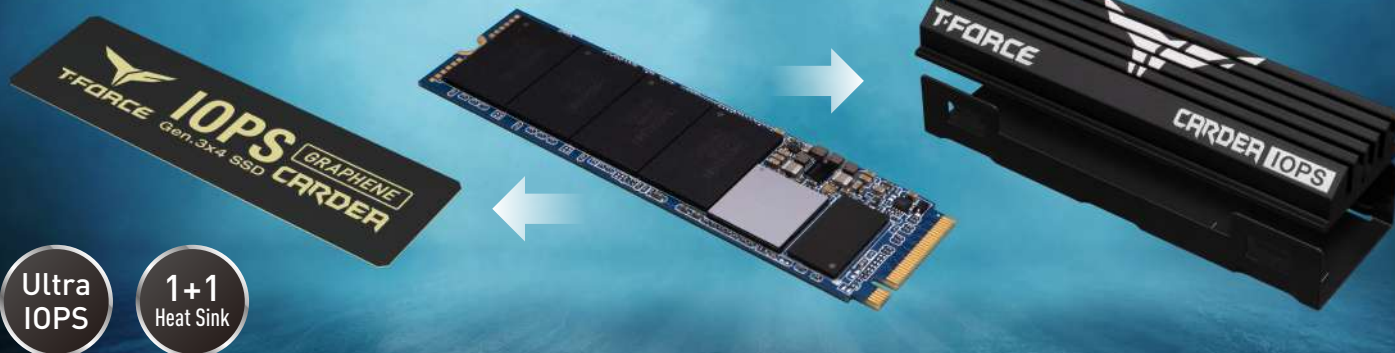


GRAPHENE × ALUMINUM



CARDEA IOPS M.2 PCIe Gaming SSD

CARDEA IOPS Gaming SSD

T-FORCE CARDEA IOPS SSD uses PCIe Gen3x4 high speed interface, and has unparalleled 680K/670K IOPS performance among its peers. The first in the industry to offer two patented cooling modules – “Aluminum fin type heat spreader” and “Patented graphene heat spreader”, meeting the needs of different cooling environments and DIY spaces. Breaking the limit of IOPS, so gamers can enjoy high speed gaming experience and never have to worry about the read/write speed.

Main Feature

- Winning every crucial game without lagging
- Enjoy two cooling patents at once
- Ultimate performance
- Smart algorithm enhances stability and durability
- Taiwan Utility PATENT (number: M541645)
- Taiwan Invention Patent (number: I703921)
- Chinese Utility Patent (number: CN 210984280 U)

Ordering Information

Capacity	Team P/N
1TB	TM8FPI001T0C322



Specification

Interface	PCIe Gen3 x4 with NVMe 1.3
Capacity	1TB ^[1]
Voltage	DC +3.3V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Terabyte Written	1TB / >1,665TB ^[2]
Performance	Crystal Disk Mark: 1TB Read/Write: up to 3,400/3,000 MB/s ^[3] IOPS: 1TB Read/Write: 680K/670K IOPS Max ^[3]
Weight	9g (with Graphene heat sink) 45g (with Aluminum heat sink)
Dimensions	80.0(L) x 22.0(W) x 3.7(H) mm (with Graphene heat sink) 80.0(L) x 23.4(W) x 12.9(H) mm (with Aluminum heat sink)
Humidity	RH 90% under 40°C (operational)
Vibration	80Hz~2,000Hz/20G
Shock	1,500G/0.5ms
MTBF	1,500,000 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.