T-CREATE CLASSIC C4 Series PCIe4.0 SSD

T-CREATE CLASSIC C4 Series PCIe4.0 SSD supports SLC Caching technology and patented extra-slim graphene heatsink. Together with customized high-stability controller and firmware, they make a stable and reliable SSD offering secure data storage. T-CREATE CLASSIC C4 Series PCIe4.0 SSD comes with three models—C43, C45, and C47 and three different speed specs with maximum read speed of 3000B/s, 5000MB/s, and 7000MB/s that dramatically shortens file conversion time. Users can choose products with the most appropriate read speed and capacity depending on their needs to exercise their creativity with no limits.

Primary functions and features

• Various specs and capacity for freedom of choice

• Customized stability controller and firmware for secure data storage

• Patented extra-slim graphene heatsink for worry-free creating process

• Excellent intelligent management and error correction mechanism

• SSD condition monitoring offers safer creating process

• Eco-friendly and sustainable to conserve the Earth

Main introduction

Various specs and capacity for freedom of choice
T-CREATE CLASSIC C4 Series PCIe4.0 SSD comes with three models—C43, C45, and C47 and three different speed specs with maximum read speed of 3000B/s, 5000MB/s, and 7000MB/s for users to choose depending on their creating needs.

Customized stability controller and firmware for secure data storage
The product supports SLC Caching technology for users to set up customized highly-stable controller and firmware to offer a stable and reliable SSD for secure data storage.

Patented extra-slim graphene heatsink for worry-free creating process
Patented extra-slim graphene heatsink effectively releases the heat brought about by high performance to stabilize system operation, so users won't need to worry about creating under long hours.

Excellent intelligent management and error correction mechanism
Supports smart algorithm and error correction using high-level LDPC (Low Density Parity Check) to help with data operation efficiency while managing the security and completeness of data transmission, offering a safer creating process.

SSD condition monitoring offers safer creating process
Offers TEAMGROUP's exclusive patented intelligent SSD monitoring software, S.M.A.R.T, which monitors product status at all times. It also monitors product quality and performance effortlessly through fast and easy setting and inspection to allow for a safer creating process.

Eco-friendly and sustainable to conserve the Earth
The entire production is lead-free and halogen-free, RoHS-compliant, and adopts recyclable environmentally friendly materials for packaging to conserve Earth by being eco-friendly and sustainable.

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Specifications

Interface	PCIe Gen4x4 with NVMe
Capacity	512GB / 1TB / 2TB / 4TB[1]
Voltage	DC +3.3V
Operation Temperature	0˚C ~ 70˚C
Storage Temperature	-40˚C ~ 85˚C
DRAM Cache	NO
Terabyte Written	**C43:** 512GB - 300 TBW 1TB - 600 TBW 2TB - 1200 TBW [2]	**C45:** 512GB - 300 TBW 1TB - 600 TBW 2TB - 1200 TBW [2]	**C47:** 512GB - 500 TBW 1TB - 1000 TBW 2TB - 1500 TBW 4TB - 3000 TBW [2]
Performance	**C43:** 512GB Read/Write: up to 3300/2400 MB/s 1TB Read/Write: up to 3500/2700 MB/s 2TB Read/Write: up to 3500/3200 MB/s	**C45:** 512GB Read/Write: up to 5000/2500 MB/s 1TB/2TB Read/Write: up to 5000/4500 MB/s	**C47:** 512GB Read/Write: up to 7000/4800 MB/s 1TB Read/Write: up to 7400/6800 MB/s 2TB Read/Write: up to 7400/7000 MB/s 4TB Read/Write: up to 7400/6600 MB/s
Dimensions	80.0(L) x 22.0(W) x 3.7(H) mm
Weight	7g
Vibration	80Hz~2,000Hz/20G
Shock	1,500G/0.5ms
MTBF	1,700,000 Hours
Operating System	Compatible with Intel and AMD platforms and has one of the foll owing operating systems: Windows 11 / 10 / 8.1 / 8 / 7 / Vista, MAC OS 10.4 or later, Linux 2.6.33 or later
Warranty	5-year limited warranty[4]

[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] The SSD is based on the TBW or Warranty period.
[5] It is advised that heat spreaders are used with Gen5 NVMe SSD to avoid a reduction of speed resulting from overheating protection mechanism.
[6] It is advised that power supplies of above 850W are used with Gen5 NVMe SSD to ensure power stability of the motherboard system.
[7] As tested by T-FORCE Lab, the highest performance may differ when using AMD/Intel CPU.
※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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Ordering information

Series	Capacity	Team P/N
C43	512GB	TM8FFA512G0C129
C43	1TB	TM8FFA001T0C129
C43	2TB	TM8FFA002T0C129
C45	512GB	TM8FFB512G0C129
C45	1TB	TM8FFB001T0C129
C45	2TB	TM8FFB002T0C129
C47	512GB	TM8FFC512G0C129
C47	1TB	TM8FFC001T0C129
C47	2TB	TM8FFC002T0C129
C47	4TB	TM8FFC004T0C129