



T-FORCE G50 PRO / G50 PCIe4.0 SSD

Primary functions and features

- A new choice for gaming upgrade
- Preset controller solutions
- Different caching grading systems offered to cover users' needs
- Ultra-thin patented graphene heat-sink makes installations painless
- Optimized performance operation that balances reliability and lifetime
- Smart product status monitoring system
- An environmental protector
- Patented graphene heatsink
 - US invention patent (certificate no.: US11051392B2)
 - Taiwan invention patent (certificate no.: I703921)
 - China utility patent (certificate no.: CN 211019739 U)
- S.M.A.R.T. software patent
 - Taiwan invention patent (No.: I751753)

Specifications

Interface	PCIe Gen4x4 with NVMe	
Capacity	512GB / 1TB / 2TB	
Voltage	DC +3.3V	
Operation Temperature	0°C ~ 70°C	
Storage Temperature	-40°C ~ 85°C	
DRAM Cache	G50 PRO (Yes) / G50 (NO)	
Terabyte Written	G50 PRO: 512GB - 325 TBW 1TB - 650 TBW 2TB - 1300 TBW	G50: 512GB - 325 TBW 1TB - 650 TBW 2TB - 1300 TBW
Data Transfer Rate Performance	G50 PRO: 512GB Read/Write: up to 5000/3500 MB/s 1TB Read/Write: up to 5000/4800 MB/s 2TB Read/Write: up to 5000/4800 MB/s	G50: 512GB Read/Write: up to 5000/3500 MB/s 1TB Read/Write: up to 5000/4800 MB/s 2TB Read/Write: up to 5000/4500 MB/s
Dimensions	80.0(L) x 22.0(W) x 3.7(H) mm with Graphene	
Weight	7g	
Vibration	80Hz~2,000Hz/20G	
Shock	1,500G/0.5ms	
MTBF	3,000,000 Hours	
Operating System	Compatible with Intel and AMD platforms and has one of the following 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] SYSTEM REQUIREMENTS

Desktop or notebook computer with a SATA III interface.

[2] PRECAUTIONS

1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB

Transmission speed will vary according to different hardware / software conditions, therefore the data can only be used for basic reference.

We reserve the right to modify product specifications without prior notice.

※The warranty is based on TBW or Warranty period whichever happened first.



T-FORCE is TEAM force. The red "T" on the logo of "TF" represents TEAMGROUP's passion for the storage products. The black "F" represents TEAMGROUP's over 18 years of promotion of storage products. The visual design of the perfect combination elegantly symbolizes a pair of flying wings.



PERFECT CHOICE

Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&g awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award.

GLOBALIZATION

Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network.

GUARANTEED QUALITY & WARRANTY SERVICE

Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer.

SOLID R&D CAPABILITIES

With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overlocking memory modules.



3F., No.166, Jian 1st Rd., Zhonghe Dist., New Taipei City 23511, Taiwan
Team Group Inc.
Tel: +886-2-82265000 Fax: +886-2-82265808
mail: sales@teamgroup.com.tw / rma@teamgroup.com.tw



CAN ICES-3(B)/NMB-3(B)

Ordering information

Series	Capacity	Team P/N
G50	512GB	TM8FFE512G0C129
	1TB	TM8FFE001T0C129
	2TB	TM8FFE002T0C129
G50 PRO	512GB	TM8FFF512G0C129
	1TB	TM8FFF001T0C129
	2TB	TM8FFF002T0C129



T-FORCE is TEAM force. The red "T" on the logo of "TF" represents TEAMGROUP's passion for the storage products. The black "F" represents TEAMGROUP's over 18 years of promotion of storage products. The visual design of the perfect combination elegantly symbolizes a pair of flying wings.



PERFECT CHOICE

Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&I awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award.

GLOBALIZATION

Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network.

GUARANTEED QUALITY & WARRANTY SERVICE

Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer.

SOLID R&D CAPABILITIES

With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overlocking memory modules.



3F., No.166, Jian 1st Rd., Zhonghe Dist., New Taipei City 23511, Taiwan
 Team Group Inc.
 Tel: +886-2-82265000 Fax: +886-2-82265808
 mail: sales@teamgroup.com.tw / rma@teamgroup.com.tw



CAN ICES-3(B)/NMB-3(B)