

M.2 SSD

SATA III 6Gb/s



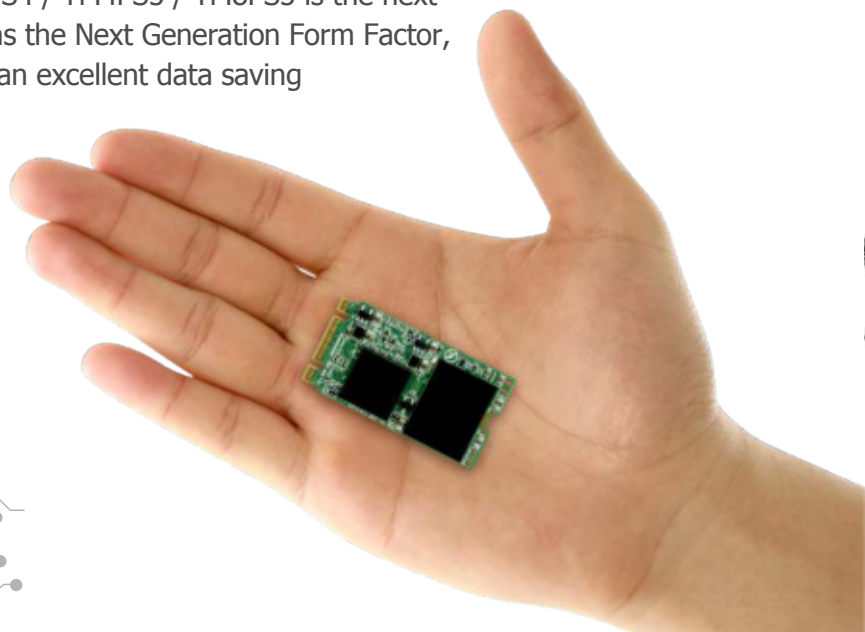
Next generation
high speed M.2 SSD

M.2 | SSD

Team SATA III 6Gb/s (M.2 SSD)

Next generation high speed M.2 SSD

Team Group Solid State drive TM4PS4 / TM8PS4 / TM4PS5 / TM8PS5 is the next generation high speed M.2 SSD (also known as the Next Generation Form Factor, NGFF). It provides mobile computing devices an excellent data saving performance with ultra compact size and lightweight.





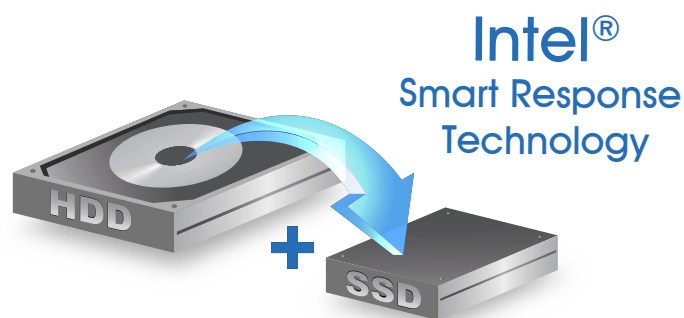
Easily enhance the performance and expand the capacity

The Team M.2 SSD is exactly designed according to the M.2 specification. TM4PS4 / TM8PS4 / TM4PS5 / TM8PS5 adopt a new generation of SATA III 6Gb/s transmission interface which has a stunning data transfer performance and compatibility. For different environment usage, TM4PS4 / TM8PS4 / TM4PS5 / TM8PS5 comes in two sizes, 22x42mm and 22x80mm. It is designed for excellent performance and to satisfy all kinds of specification requirements for consumers' motherboards, notebooks, mobile devices and developing embedded devices.

Intel Smart Response Technology

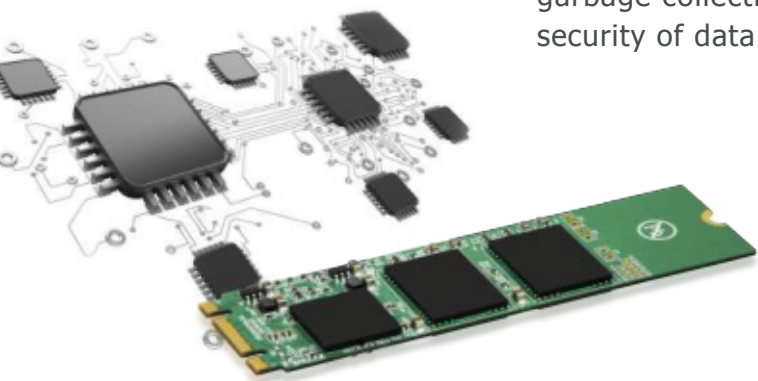
Team Group's M.2 SSD supports Intel® Smart Response Technology (ISRT), which allows you to configure your computer system with an SSD used as cache memory between the hard disk drive and system memory. This provides the advantage of having a hard disk drive for maximum storage capacity while delivering an SSD-like overall system performance experience.

ISRT works by monitoring which programs and files you access most frequently and stores them on the SSD. As a result, application launch speed and overall system responsiveness are significantly improved, while the large capacity of the hard drive is free to store all your other programs and files. In this configuration, only one drive letter is displayed; no additional drive letter is required for the SSD used as cache.



Overall guaranteed effectiveness & complete warranty service

Through advanced control technology, the Team M.2 SSD supports advanced garbage collection, wear leveling, TRIM command. By upgrading the security of data accessing and system's stability, we provide the best solution for performance, power efficiency and overall endurance of the SSD. Team Group Inc.'s M.2 SSD (TM4PS4 / TM8PS4 / TM4PS5 / TM8PS5) offers three year limited warranty, free technical support service and a reliable quality assurance for consumers to experience a high efficiency data storage companion.



Main Feature



- Mainstream M.2 interface
- Supports Intel's SRT
- Supports S.M.A.R.T.
- Supports TRIM
- 3 year Guaranteed

Mainstream
M.2 interfaceTRIM
CommandHigh
Performance

Intel®
Smart Response
Technology

Specification

M.2 SSD

Item	Specification	
Model	TM4PS4	TM8PS4
Form factor	M.2 2242	M.2 2280
Interface	SATA Rev. 3.0 (6Gb/s) with backwards compatibility to SATA Rev. 2.0	SATA Rev. 3.0 (6Gb/s) with backwards compatibility to SATA Rev. 2.0
Capacity	128 / 256GB*	128 / 256 / 512GB*
Performance	ATTO: 128GB/256GB Read/Write: up to 550/150 MB/s**	ATTO: 128GB/256GB Read/Write: up to 560/300 MB/s** 512GB Read/Write: up to 560/280 MB/s**
	Crystal Disk Mark: 128GB/256GB Read/Write: up to 520/150 MB/s**	Crystal Disk Mark: 128GB/256GB Read/Write: up to 530/300 MB/s** 512GB Read/Write: up to 530/280 MB/s**
	IOPS: 128GB/256GB 4K Random Read/Write: 70K/40K IOPS Max**	IOPS: 128GB/256GB Read/Write: 73K/70K IOPS Max** 512GB Read/Write: 70K/70K IOPS Max**
Operating temperature	0°C to 70°C (-32°F to 158°F)	0°C to 70°C (-32°F to 158°F)
Power Consumption	0.3 W Idle / 1.1W (Max) Read / 1.9 W (Max) Write	0.3 W Idle / 1.2W (Max) Read / 2.9 W (Max) Write
Size	42.0mm × 22.0mm × 3.5mm (1.65" x 0.87" x 0.14")	80.0mm × 22.0mm × 3.5mm (3.15" x 0.87" x 0.14")
Weight	4g (0.14 oz)	9g (0.32 oz)
Shock	1500G, duration 0.5ms, Half Sine Wave	1500G, duration 0.5ms, Half Sine Wave
Vibration	20G	20G
MTBF	1.5 million hours	1.5 million hours
Warranty	3-year limited warranty	3-year limited warranty

*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 used for basic reference.

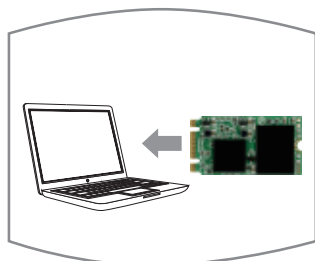
M.2 SSD LITE

Item	Specification	
Model	TM4PS5	TM8PS5
Form factor	M.2 2242	M.2 2280
Interface	SATA Rev. 3.0 (6Gb/s) with backwards compatibility to SATA Rev. 2.0	SATA Rev. 3.0 (6Gb/s) with backwards compatibility to SATA Rev. 2.0
Capacity	128 / 256GB*	128 / 256GB*
Performance	ATTO / Crystal Disk Mark: 128GB Read/Write: up to 530/200 MB/s** 256GB Read/Write: up to 530/300 MB/s**	ATTO / Crystal Disk Mark: 128GB Read/Write: up to 530/200 MB/s** 256GB Read/Write: up to 530/300 MB/s**
	IOPS: 128GB 4K Random Read/Write: 35K/50K IOPS Max** 256GB 4K Random Read/Write: 35K/70K IOPS Max**	IOPS: 128GB 4K Random Read/Write: 35K/50K IOPS Max** 256GB 4K Random Read/Write: 35K/70K IOPS Max**
Operating temperature	0°C to 70°C (-32°F to 158°F)	0°C to 70°C (-32°F to 158°F)
Power Consumption	0.3 W Idle / 1.1W (Max) Read / 1.9 W (Max) Write	0.3 W Idle / 1.2W (Max) Read / 2.9 W (Max) Write
Size	42.0mm × 22.0mm × 3.5mm (1.65" x 0.87" x 0.14")	80.0mm × 22.0mm × 3.5mm (3.15" x 0.87" x 0.14")
Weight	4g (0.14 oz)	9g (0.32 oz)
Shock	500 G, 2 m/sec	500 G, 2 m/sec
Vibration	20G	20G
MTBF	1.5 million hours	1.5 million hours
Warranty	3-year limited warranty	3-year limited warranty

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

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



Ordering Information

Team P/N	Capacity	Description
TM4PS4128GMC101	128GB	TEAM M.2 2242 SATA 6Gb/s 128GB RETAIL
TM4PS4256GMC101	256GB	TEAM M.2 2242 SATA 6Gb/s 256GB RETAIL
TM8PS4128GMC101	128GB	TEAM M.2 2280 SATA 6Gb/s 128GB RETAIL
TM8PS4256GMC101	256GB	TEAM M.2 2280 SATA 6Gb/s 256GB RETAIL
TM8PS4512GMC101	512GB	TEAM M.2 2280 SATA 6Gb/s 512GB RETAIL
TM4PS5128GMC101	128GB	TEAM M.2 LITE 2242 SATA 6Gb/s 128GB RETAIL
TM4PS5256GMC101	256GB	TEAM M.2 LITE 2242 SATA 6Gb/s 256GB RETAIL
TM8PS5128GMC101	128GB	TEAM M.2 LITE 2280 SATA 6Gb/s 128GB RETAIL
TM8PS5256GMC101	256GB	TEAM M.2 LITE 2280 SATA 6Gb/s 256GB RETAIL

Above technical information is based on industry standard data and tested to be reliable. However, Team makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product.

Team reserves the right to make changes in specifications at any time without prior notice.



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