



## APEX SD7.1 MicroSD Express Memory Card

### Primary Functions and Features

- Next-Gen MicroSD Express Technology – Comprehensive Performance Upgrade
- Fully Compatible with Nintendo Switch 2 with Broad Device Compatibility
- Ultra-Fast Read/Write Speeds up to 800MB/s & 700MB/s
- Certified by SD Association's SVP Program
- Evolved High Capacity Storage Space of up to 1TB
- Seamless 4K Recording to Capture Every Moment
- Comprehensive Protection with Lifetime Warranty

### Specifications

Interface	MicroSDXC / SD 7.1 / UHS-I
Standard / Class	MicroSD Express / UHS-I / Class 10 / U3 / A1 / V30 <sup>[3]</sup>
Capacity	128GB / 256GB / 512GB / 1TB <sup>[2]</sup>
Voltage	2.7 ~ 3.6V
Operation Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Performance	with professional card readers : 128GB : Read up to 800 MB/s <sup>[1]</sup> ; Write up to 500 MB/s <sup>[1]</sup> 256GB ~ 1TB : Read up to 800 MB/s <sup>[1]</sup> ; Write up to 700 MB/s <sup>[1]</sup>  UHS-I : 128GB ~ 1TB : Read up to 100 MB/s; Write up to 90 MB/s
Weight	1g
Dimensions	15.0(L) x 11.0(W) x 1(H) mm
Applicable files and devices	<ul style="list-style-type: none"> <li>• exFAT file system.</li> <li>• Compatible with devices that feature a MicroSD Express slot or are labeled MicroSD Express. Also backward compatible with products supporting MicroSDXC, MicroSDHC, and standard MicroSD slots.<sup>[4]</sup></li> </ul>
Warranty	Lifetime warranty

[1] All test data is based on TEAMGROUP internal lab results and provided for reference only.

[2] Specifications and designs are subject to change without prior notice.

[3] Data recovery service is only available when the product remains readable.

## Ordering Information

Series	Capacity	Team P/N
APEX SD7.1	128GB	TAPMSDE128GIV30A102
	256GB	TAPMSDE256GIV30A102
	512GB	TAPMSDE512GIV30A102
	1TB	TAPMSDE1TIV30A102

### 1-1. Product Applicability and Compatibility (SD & MicroSD Version)

- The UHS speed class, video speed class, and application performance class of TEAMGROUP SD and MicroSD memory cards are tested using professional testing instruments and comply with the standards set by relevant associations.
- Performance is based on TEAMGROUP's internal testing, utilizing advanced technology to achieve transfer speeds exceeding 104 MB/s for UHS-I interface and 312 MB/s for UHS-II interface. For optimal performance, a professional card reader is recommended. Actual transfer speeds may vary depending on testing hardware and software conditions, and the provided figures are for reference only.
- 1GB = 1,000,000,000 bytes, 1TB = 1,000,000,000,000 bytes. However, the actual usable capacity may be lower than the stated capacity as some capacity is used for formatting and system functions. Displayed capacity may also vary due to differences in OS calculation methods.
- Different devices, such as mobile devices and cameras, have specific recommended file system formats. It is advisable to format the memory card on your device (mobile phone, camera, camcorder, etc.) before use to ensure proper functionality and integrity.

### 1-2. Product Applicability and Compatibility (CFexpress Version)

- TEAMGROUP CFexpress Type B memory cards undergo performance testing using professional testing instruments and comply with the standards set by relevant associations.
- Performance is based on TEAMGROUP's internal testing. To achieve optimal performance, a professional card reader is recommended (CFexpress Type B memory cards must be used with a device that supports the CFexpress Type B interface). Actual transfer speeds may vary depending on testing hardware and software conditions, and the provided figures are for reference only.
- A portion of the memory card's capacity is allocated for formatting or other functions, and the displayed capacity may be lower than the actual capacity due to unit conversion differences across operating systems.
- Different devices, such as mobile devices and cameras, have specific recommended file system formats. Some older cameras or card readers may require a firmware update to properly read CFexpress memory cards. It is advisable to format the memory card on your device (mobile phone, camera, camcorder, etc.) before use to ensure proper functionality and integrity.

### 2. Warranty and Support (General)

- The warranty period for TEAMGROUP products starts from the original purchase date. To claim warranty service, you must provide proof of purchase (such as an invoice or delivery order). If proof of purchase cannot be provided, TEAMGROUP will determine the warranty period based on the product's serial number.
- All TEAMGROUP memory cards under the "TEAM," "T-CREATE," and "T-FORCE" brands are covered by warranty service. If the product is damaged due to natural factors from the date of purchase, free repair services will be provided within the warranty period.
- The warranty for memory cards (except surveillance memory cards) does not cover usage in devices such as video recorders, security systems, surveillance cameras, body cameras, or continuous recording/audio recording devices.
- CFexpress Type B memory cards are subject to normal wear and tear, and reaching the Total Bytes Written (TBW) limit is considered normal degradation, which is not covered under the limited warranty.
- The limited warranty (as specified on the official product website) may not be applicable in certain countries or states due to local laws and regulations. However, this limited warranty does not affect the maximum legally mandated warranty period in those regions. Please carefully review the warranty policy's disclaimer and limited liability terms.
- Data recovery services are only available for products that remain readable. This service is limited to T-CREATE EXPERT SDXC V90 memory cards, T-CREATE EXPERT SDXC V60 memory cards, T-CREATE EXPERT CFexpress Type B memory cards, and T-CREATE EXPERT CFexpress Plus Type B memory cards within their limited warranty period.
- If you encounter any compatibility or installation issues, please contact TEAMGROUP technical support (<https://support.teamgroupinc.com/en/support/>) for professional advice.

### 3. Important Reminders (General)

- Before purchasing, please ensure that your device supports the specifications of the memory card to avoid incompatibility issues.
- If the device cannot detect the memory card, runs unstably, or fails to achieve the advertised speed, please check for firmware updates and format the memory card on the device.
- For detailed product specifications, refer to the actual product and product manual. Unless otherwise specified, all data presented on this website is based on TEAMGROUP's internal testing, and comparisons are made against TEAMGROUP's conventional products.
- Product images, model numbers, data, functions, performance, and specifications displayed on this website are for reference only. TEAMGROUP reserves the right to modify all styles and specifications without prior notice.



Team Group Inc. was founded in 1997 in Taiwan, leading the industry by possessing professional research and development capabilities and a tightly-knit global sales network in storage and memory product, ranking among CommonWealth Magazine's top 1000 enterprises.



#### 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 overclocking memory modules.



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