

PRO Plus | EVO Plus

The SD card made for professionals

As a world leader in memory technology, Samsung brings memory card solutions that you truly need and want. Superior performance, excellent compatibility, and multi-proof reliability make these cards the ideal companion for professionals and photographers. Make more memories and worry less about running out of memory. It's time to choose the right card.



Key Advantages



Performance

Read/Write speeds up to 100/90 MB/s



Reliability

7-proof technology
10-year limited warranty



Capacity

Highest capacity up to 256GB



No.1 Flash Memory

World's No.1 flash memory brand

* Source: 2003-2019 IHS Markit data: NAND suppliers' revenue market share

Capacity by Media type



	4K UHD Video ¹⁾	FULL HD Video ²⁾	4K UHD Photos ³⁾	FULL HD Photos ⁴⁾
256GB	up to 6 hrs	up to 28 hrs	up to 54,300	up to 239,600
128GB	up to 3 hrs	up to 14 hrs	up to 27,100	up to 119,800
64GB	up to 1.5 hrs	up to 7 hrs	up to 13,500	up to 59,900
32GB	up to 45 mins	up to 3.5 hrs	up to 6,700	up to 29,900

* Test Device : Panasonic DC GX9, FAT32 file system is used for 32GB and exFAT file system is used for 64/128/256GB.
 1) 3840x2160 4K UHD(30 fps), Average file size recording for 30 mins : 19.8GB, 2)1920x1080 Full HD(30 fps), Average file size recording for 30 mins : 4.21GB,
 3) 3840x2160 4K UHD Photo : Average file size : 4.50MB, 4)1920x1080 Full HD Photo : Average file size : 1.02MB

7-Proof Technology



1) Water : 1M depth, salt water, 72hrs, 2) Temp : Operating temperatures of -25°C to 85°C, non-operating temperatures of -40°C to 85°C, 3) X-ray : 100mGy (equal to airport Xray machines),
 4) Magnet : Up to 15,000 gauss, 5) Shock : shock up to 1,500g* (g* : gravitational acceleration), 6) Drop : withstand drops up to 5meters (16.4 feet), 7) Wearout : up to 10,000 swipes

Specifications

Line up	PRO Plus				EVO Plus			
Density ¹⁾	256GB	128GB	64GB	32GB	256GB	128GB	64GB	32GB
Interface	UHS-I (Compatible to HS interface)							
Form Factor	SDXC			SDHC	SDXC			SDHC
Dimension (LxWxH)	32 x 24 x 2.1 (mm)							
Weight	Approx. 1.75 g							
Speed ²⁾	Sequential Read speed up to 100 MB/s				Transfer speed 100MB/s			
	Sequential Write speed up to 90 MB/s		up to 60 MB/s					
Speed Class	U3, Class 10				U3, Class 10		U1, Class 10	
Storage Temperature	-40 °C to 85 °C							
Operating Temperature	-25 °C to 85 °C							
Humidity	40 °C, 93%, 500hr (storage)							
Durability	up to 10,000 mating cycles							
Certification	FCC, CE, VCCI, RCM							
Warranty	Limited 10 year warranty							

1) 1GB = 1 billion bytes. Actual usable capacity may vary. 2) The foregoing read & write speeds are demonstrated by internal test conducted under certain controlled conditions, and actual speeds may vary depending upon usage and other conditions. For products incompatible with UHS-I interface, the speeds may vary subject to different interface conditions.

* Samsung is not liable for any i) damages and/or loss of data or ii) expenses incurred from memory card data recovery.

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