

PASSION⁺ PRO⁺

Capture moments that matter
with fast, powerful memory cards.



Samsung Memory Cards

Introducing the new advanced lineup of exceptional memory cards from Samsung.



SAMSUNG

Samsung takes memory speed to another level.

Capture moments that matter and keep them safe with the new range of secure, high-performance memory cards from Samsung - the experts in memory technology.

With EVO Plus and PRO Plus, Samsung expands its line of memory cards, delivering higher read and write speeds, greater capacity, and authentic Samsung quality to any device. The lineup includes memory for every application and all users, from casual to professional, and Samsung memory cards are designed to withstand airport X-ray machines, extreme temperatures, magnetic fields, shock, and hours submerged in seawater.

Samsung makes a card with the right performance level for every need.

The new Samsung memory card lineup includes PRO Plus, PRO, EVO Plus and EVO. The PRO Plus and PRO cards offer enhanced speed and data storage while EVO Plus and EVO products are perfect for solid, everyday performance. Find microSD and SD cards available in every line. Take a look below for details on all of the high quality cards available.

PRO Plus	PRO	EVO Plus	EVO
			
The PRO Plus model was developed with power users in mind. With top read and write speeds, PRO Plus delivers a powerful new standard for professional grade experiences that captures all the depth and detail, making it perfect for high-resolution photography and 4K UHD recording and playback.	PRO cards deliver high performance, reliability and offer fast transfer speeds for 4K UHD and DSLR cameras making PRO the ideal for storing professional-quality photos and videos.	EVO Plus cards offer greater capacity and higher transfer speeds, making it excellent for video recording and playback in Full HD, quick file transfers and fast loading of apps and videos. With EVO Plus, users who need to store more can make the most of their devices.	EVO cards are a smart choice for smartphones, tablets, Full HD camcorders and digital cameras. Quick performance and high capacity mean users who want to take basic photos and videos and transfer quickly can with ease.

5-Proof Technology. For protection in every situation.

Samsung memory cards keep irreplaceable data safe with reliable 5-Proof Technology. With a Samsung memory card, users can be sure that their content will be safely captured and stored, even in the harshest environments.



Waterproof

Up to 72 hours in seawater



Temperature-proof

Operating temperatures from -25°C to 85°C (-13°F to 185°F)



Magnet-proof

Magnetic fields of up to 15,000 gauss —the equivalent of a high-field MRI scanner



Shock-proof¹⁾

Extremely high levels of shock, up to 1,500g. (g=gravitational acceleration)



X-ray-proof

Airport X-ray machines

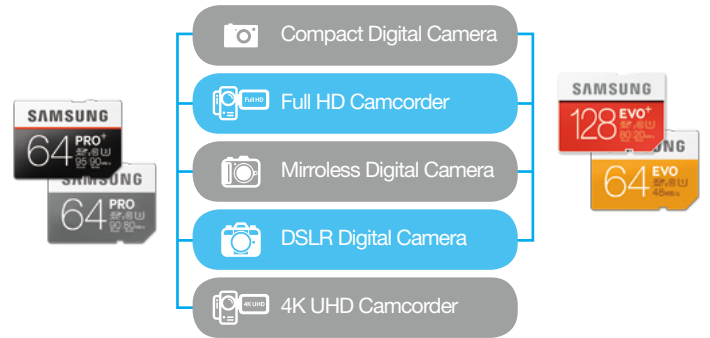
1) SD Card only.

Choosing the right memory card is simple.

microSD Cards



SD Cards



A variety of speeds and capacities available for every use.

Today's cameras and mobile devices require reliable and powerful removable storage. And Samsung's memory cards deliver.

The PRO Plus and PRO lines are the right choice for all power users - from photography enthusiasts to professionals - who need maximum read and write speeds and 4K UHD video recording and playback capabilities.

For everyday users, the EVO Plus and EVO lines provide extra capacity, high performance and authentic Samsung quality. Refer to the chart below for the capacities available.

Product Line	Photo ¹⁾	4K UHD Video ²⁾		Full HD Video ³⁾		HD Video ⁴⁾		MP3 Song ⁵⁾
	Photos	Minutes	Hours/Mins	Minutes	Hours/Mins	Minutes	Hours/Mins	Songs
PRO Plus 32GB	2,730	50	50m	240	4h	530	8h 50m	7,660
PRO Plus 64GB	5,470	110	1h 50m	490	8h 10m	1,050	17h 30m	15,330
PRO 16GB	1,360	30	30m	120	2h	260	4h 20m	3,830
PRO 32GB	2,730	50	50m	240	4h	530	8h 50m	7,660
PRO 64GB	5,470	110	1h 50m	490	8h 10m	1,050	17h 30m	15,330
EVO Plus 32GB	2,730	-	-	240	4h	530	8h 50m	7,660
EVO Plus 64GB	5,470	-	-	490	8h 10m	1,050	17h 30m	15,330
EVO Plus 128GB	10,940	-	-	980	16h 20m	2,100	35h	30,670
EVO 16GB	1,360	-	-	120	2h	260	4h 20m	3,830
EVO 32GB	2,730	-	-	240	4h	530	8h 50m	7,660
EVO 64GB	5,470	-	-	490	8h 10m	1,050	17h 30m	15,330
EVO 128GB	10,940	-	-	980	16h 20m	2,100	35h	30,670

* Test Device : Samsung NX1.

The above results are from internal tests with the average-actual data store capacity (91.5% of the labeled capacity). The results may vary based on testing conditions and host devices.

1) 28MP (6480x4320) Super Fine, average file size : 11.5MB. 2) 4096x2160/24P, Pro, average file size : 530.9MB. 3) 1920x1080/60P, HQ, average file size : 127.7MB.

4) 1280x720/60P, HQ, average file size : 59.4MB. 5) Average file size 4.1MB.

Technical Specifications

	PRO Plus		PRO		EVO Plus		EVO	
								
	microSD	SD Card	microSD	SD Card	microSD	SD Card	microSD	SD Card
Capacity ¹⁾	32 / 64GB		16 / 32 / 64GB		32 / 64 / 128GB		16 / 32 / 64 / 128GB	16 / 32 / 64GB
Speed Class ²⁾	UHS-I Speed Class 3 (U3) Class 10		UHS-I Speed Class 3 (U3)* Class 10		UHS-I Speed Class 1 (U1) Class 10		UHS-I Speed Class 1 (U1) Class 10	
Performance ³⁾	Read up to 95MB/s Write up to 90MB/s		Read up to 90MB/s Write up to 80MB/s (16GB-60MB)		Read up to 80MB/s Write up to 20MB/s		Up to 48MB/s transfer speed	
Dimension	15x11x1mm	32x24x2.1mm	15x11x1mm	32x24x2.1mm	15x11x1mm	32x24x2.1mm	15x11x1mm	32x24x2.1mm
Weight	0.5g	2g	0.5g	2g	0.5g	2g	0.5g	2g
Operating Voltage	2.7~3.6V							
Temperature	Operating : -25°C to 85°C (-13°F to 185°F) Non-Operating : -40°C to 85°C (-40°F to 185°F)							
Humidity	40°C, 93%, 500hr (storage)							
Durability	10,000 mating cycles							
EMC Certifications	FCC, CE, VCCI, NATA							
Warranty ⁴⁾	10 years limited							

1) 1GB=1,000,000,000 bytes. A certain portion of capacity may be used for system files and maintenance.

2) UHS (Ultra High Speed) Speed Class is designed for UHS devices only and designates minimum writing performance to record video on UHS products.

3) Performance measurement is based on Samsung's internal testing conditions. Performance may vary among different host devices and testing conditions.

4) Warranty is void under some usage applications. (e.g. Black Box, CCTV recording and other write-intensive applications)

* The Speed Class of PRO SD Cards may vary depending on market availability.

Legal and additional information

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space through, among others, our Smart Home and Digital Health initiatives. We employ 307,000 people across 84 countries with annual sales of US \$196 billion. To discover more, please visit our official website at www.samsung.com and our official blog at global.samsungtomorrow.com

For more information

For more information about Samsung memory cards, visit www.samsung.com/memorycard

Copyright© 2015 Samsung Electronics Co., Ltd. All rights reserved. Samsung is registered trademark of Samsung Electronics Co., Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.

(Maetan-dong) 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea www.samsung.com

2015-04