



EMTEC

Memory Cards

microSD UHS-I U3 V30 A1 & A2 SpeedIN PRO

SPEEDIN PRO

100MB/s^{*}
670X

FULL
HD
VIDEO

4K
ULTRAHD

Get the best from your
all devices



- The UHS-I U3 V30 A1 and A2 memory card offers incredible performance that compliments the downloading, transferring and sharing of apps, photos and videos
- Up to 1TB storage capacity to save a large selection of media content without compromising on speed
- The impressive 100MB/s write speed to save your content without the mind-numbing wait
- Video Speed Class V30 compatibility
- Ideal for high speed continuous shooting, full HD, 3D or 4K UHD videos





Consumers will easily select the right cards for their devices by following the Video Speed Class mark on their device

Product specifications

Read speed	Up to 100 MB/s*
Write speed	Up to 100 MB/s* for 512GB and 1TB. Up to 50MB/s* for 32, 64, 128, 256GB capacities.
Compatibility	32GB: Compatible with all devices supporting SDHC and SDXC standards. 64, 128, 256 and 512GB, 1TB : Compatible with all devices supporting SDXC standards.
Capacity	32, 64, 128, 256, 512GB, 1TB
Video Speed Class	V30 compatibility
Application performance Class	A1 or A2 (512GB, 1TB) compatibility
* Based on internal test on the capacity 512GB. Performance may vary depending on use and device and capacity.	

Logistics

MicroSD UHS-I U3 V30 A1 SpeedIN PRO

Product number	Description	EAN Unit	EAN 10 pcs carton	EAN 160 pcs carton
ECMSDM32GHC10SP	Emtec mSD 32GB UHS-I U3 V30 A1 SpeedIN PRO	3 126 170 146 519	3 126 170 146 526	3 126 170 146 533
ECMSDM64GXC10SP	Emtec mSD 64GB UHS-I U3 V30 A1 SpeedIN PRO	3 126 170 146 755	3 126 170 146 762	3 126 170 146 779
ECMSDM128GXC10SP	Emtec mSD 128GB UHS-I U3 V30 A1 SpeedIN PRO	3 126 170 155 399	3 126 170 155 405	3 126 170 155 412
ECMSDM256GXC10SP	Emtec mSD 256GB UHS-I U3 V30 A1 SpeedIN PRO	3 126 170 164 971	3 126 170 164 988	3 126 170 164 995
ECMSDM512GXC10SP	Emtec mSD 512GB UHS-I U3 V30 A2 SpeedIN PRO	3 126 170 173 843	3 126 170 173 850	3 126 170 173 867
ECMSDM1TXC10SP	Emtec mSD 1TB UHS-I U3 V30 A2 SpeedIN PRO	3 126 170 177 247	3 126 170 177 254	3 126 170 177 261

Android App A1 and A2: What are the differences?



- The Application Performance Class was introduced to realize comfortable application manipulation such as compilation of data which is stored in an SD memory card.
- The Application Performance Class 1 (A1) was defined by SD Physical 5.1 specification. Not only for storing maps, pictures, videos, music, dictionary and documents, it also enables user to be freed from sluggish for editing and updating data.
- The Application Performance Class 2 (A2) is defined by SD Physical 6.0 specification. It makes SD memory card much higher performance than A1 performance by using functions of Command Queuing and Cache.

Application Performance Class Specification Table

Application Performance Class	Pictograph	Minimum Random Read	Minimum Random Write	Minimum Sustained Sequential Write
Class 1 (A1)*		1500 IOPS	500 IOPS	10MBytes/sec
Class 2 (A2)**		4000 IOPS	2000 IOPS	10MBytes/sec

*The detailed preconditions and test are defined in SD 5.1 Part 1 Physical specification.

**The detailed preconditions and test are defined in SD 6.0 Part 1 Physical specification.

<https://www.sdcard.org/developers/overview/application/index.html>