

Next Generation of Multi-File Video Recording

The most beautiful memories deserve preservation with the highest video specifications! Apacer SD 5.0 UHS-I card series are equipped with multiple protections and high durability to ensure uninterrupted video recording in the harsh environments. By complying with SD Association's latest 5.0 (Video Speed Class 30) standard and the UHS-I (Ultra High Speed – I) standard, the demand for 4K video recording has been escalating as sports and aerial photography has become a fashion in recent years. The SD cards are highly tailored for 4K video recording to significantly reduce file transmission time.

The SD 5.0 Video Speed Class standard is a recently announced standard by the SD specification association delivers real-time multi-file recording for many applications and supports the highest video resolutions and qualities available today.

Apacer SD 5.0 UHS-I series comes in various capacities, offering the right memory space for precious pictures and videos.

Applications

- IP Cam
- Extreme Sports Camera
- 4K Digital Recorder
- Surveillance equipment

Features:

- Supports SD System Specification Version 5.0
- Supports SDHC up to 32 GB; SDXC up to 2 TB;
- Video Speed Class 30 **V30** (minimum transfer speed over 30MB/s), ideal for High Resolution images and Ultra HD videos
- UHS-I: Ultra High Speed-I **U3**
- ECC

General Product Specifications

Specifications	
Interface	SD Specification Version 5.0
Interface speed	Video Speed Class 30 V30 UHS-I U3 (Indicate Speed Class 3 on UHS-I Interface)
Capacity*	32GB-256GB
Form Factor	SDHC or SDXC
Protection	Write Protect mechanical switch
Operating Voltage	2.7V to 3.6V
Dimensions	(L)32 x (W)24 x (H)2.1 mm
Temperature	Operating -25°C to 85°C
	Storage -40°C to 85°C
Humidity	Operating: RH=93% under 25°C non-condensing
	Storage: RH=93% under 40°C non-condensing
Durability	Minimum 10,000 insertion/removal cycles
Warranty	Limited product lifetime warranty
Certifications	RoHS, CE, FCC, VCCI, RCM

*Unformatted. Theoretically, 1GB=1,000,000,000 Bytes. Under operating systems, the capacity might appear to be less than the theoretical capacity because the calculation in OS is based on 1 GB = 1024 MB / 1MB =1024KB and a minority of the capacity is reserved for maintenance purposes.

Global Offices

Taiwan (HQ)

Apacer Technology Inc.
 1F., No.32, Zhongcheng Rd.,
 Tucheng Dist.,
 New Taipei City 236, Taiwan
 R.O.C.
 Tel: 886-2-2267-8000
 Fax: 886-2-2267-2261
amtsales@apacer.com

U.S.A

Apacer Memory America, Inc.
 46732 Lakeview Blvd.
 Fremont, CA 94538
 Tel: 408-518-8626
 Fax: 510-249-9551
sa@apacer.com

Japan

Apacer Technology Corp.
 5F, Matsura Bldg., Shiba,
 Minato-Ku
 Tokyo, 105-0014, Japan
 Tel: 81-3-5419-2668
 Fax: 81-3-5419-0018
jpservices@apacer.com

Europe

Apacer Technology B.V.
 Science Park Eindhoven
 5051 5692 EB Son,
 The Netherlands
 Tel: 31-40-267-0000
 Fax: 31-40-267-0000#6199
sale@apacer.nl

China

Apacer Electronic (Shanghai) Co., Ltd
 1301, No.251, Xiaomujiao
 Road, Shanghai,
 200032, China
 Tel: 86-21-5529-0222
 Fax: 86-21-5206-6939
sales@apacer.com.cn

India

Apacer Technologies Pvt Ltd,
 # 535, 1st Floor, 8th cross,
 JP Nagar 3rd Phase,
 Bangalore – 560078, India
 Tel: 91-80-4152-9061
Sales_india@apacer.com

Ordering Information

SD Card 5.0
APXXXXSDHC10U7-X / APXXXXSDXC10U7-X



Speed	Capacity	P/N
UHS-I U3 V30	32GB	AP32GSDHC10U7-X
	64GB	AP64GSDXC10U7-X
	128GB	AP128GSDXC10U7-X
	256GB	AP256GSDXC10U7-X

Revision History

Version	Description	Date
1.0	Preliminary release	2019/04/24
1.1	Updated address of American office information	2019/10/21
1.2	Revised Dimension Content and Added Durability	2019/12/10

Apacer Technology Inc.

1F, No.32, Zhongcheng Rd., Tucheng District,
New Taipei City, Taiwan, R.O.C
Tel: +886-2-2267-8000 Fax: +886-2-2267-2261
www.apacer.com

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