

# SD Card 3.0

## APXXXXSDHC10XX-X / APXXXXSDXC10XX-X



### SPECIFICATIONS

| Interface         | SD Specification Version 3.0   |   |
|-------------------|--|---|
| Interface speed   | <b>3</b>   | UHS-I (Indicate Speed Class 3 on UHS-I Interface) |
|                   | <b>1</b>   | UHS-I (Indicate Speed Class 1 on UHS-I Interface) |
|                   | Class 10 (Indicate SD Speed Class when used with a device that does not support UHS Interface) |   |
| Capacity*         | 8GB-128GB  |   |
| Form Factor       | SDHC or SDXC   |   |
| Protection        | Write Protect mechanical switch  |   |
| Operating Voltage | 2.7V to 3.6V   |   |
| Dimension         | 32mm(L) x 24mm(W) x 2.1mm(H)   |   |
| Temperature       | Operating  | 0°C to 70°C                                       |
|                   | Storage  | -40°C to 85°C                                     |
| Humidity          | Operating:   | RH 93% under 25°C                                 |
|                   | Non-operating:   | RH 93% under 40°C                                 |
| Drop test**       | 1.5m free fall   |   |
| Torque test**     | 0.15N-m or ±2.5 degrees  |   |
| Switch test       | Cycles   | Slide 0.4N to 5N                                  |
| Warranty          | Limited product lifetime warranty  |   |
| Certifications    | RoHS, CE, FCC, BSMI  |   |

### ORDERING INFORMATION

| Speed                               | Capacity | P/N              |
|-------------------------------------|----------|------------------|
| UHS-I U1 Class10                    | 8GB      | AP8GSDHC10U1-X   |
|                                     | 16GB     | AP16GSDHC10U1-X  |
|                                     | 32GB     | AP32GSDHC10U1-X  |
|                                     | 64GB     | AP64GSDXC10U1-X  |
| UHS-I U3 Class10<br>R/W: 95/45MB/s  | 16GB     | AP16GSDHC10U3-X  |
|                                     | 32GB     | AP32GSDHC10U3-X  |
|                                     | 64GB     | AP64GSDXC10U3-X  |
| UHS-I U3 Class10<br>R/W: 95/85 MB/s | 32GB     | AP32GSDHC10U4-X  |
|                                     | 64GB     | AP64GSDXC10U4-X  |
|                                     | 128GB    | AP128GSDXC10U4-X |

### 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](mailto:amtsales@apacer.com)

#### U.S.A

**Apacer Memory America, Inc.**  
386 Fairview Way, Suite102, Milpitas, CA 95035  
Tel: 1-408-518-8699  
Fax: 1-408-935-9611  
[sa@apacer.com](mailto: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  
[jpserives@apacer.com](mailto:jpserives@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](mailto: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](mailto: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](mailto:Sales_india@apacer.com)