Apacer

www.apacer.com

# microSDHC/SDXC UHS-I U1 V10 A1 (R100 MB/s)

## Outstanding Performance

Provides faster response speed and improves smoothness to shorten waiting time when files are opened.

## Enhance Multitasking

High performance is assured even when multiple apps and widgets are activated for multitasking.

## Rich Entertainment

Supports Full HD 1080p video recording and 3D video recording for mobile devices to record each happy moment.

FULL HD 1920*1080

3D Video

Apacer

www.apacer.com

# Premium Standard!
# Ultra High Speed SD 5.1 UHS-I

The ultra high speed standard for the new generation SD 5.1 defined by the SD Association - UHS-I (Ultra High Speed) provides top-level performance.

| UHS Speed Class | Speed Class | Min. Constant Write Speed | Video Speed Class | Capable Application |
|---|---|---|---|---|
| | | | | 4K Video / Full HD HD Video / HD Video / SD Video |
| UHS Speed Class 3 | | 30MB/s (240MBps) | V30 | |
| UHS Speed Class 1 | Speed Class 10 | 10MB/s (80MBps) | V10 | |
| | Speed Class 6 | 6MB/s (48MBps) | V6 | |
| | Speed Class 4 | 4MB/s (32MBps) | | |

*This speed performance is achieved under the conditions specified by the SD Association.
*Transmission speeds vary based on your system performance (e.g. hardware, software, usage, etc.)

**Memory Capacity**

**Maximum read speed of the card**

**Video Speed Class**
The minimum guaranteed sequential write speed (over 10MB/s)

**UHS Speed Class**
The minimum guaranteed write speed when used with devices that support the UHS-I interface.

**Application Performance Class A1**
A random reading/writing performance of up to 1,500/ 500 IOPS, and a continuous access speed of at least 10MB per second.

**UHS-I**
This indicates that the card is supported by the UHS-I interface.

## Features

- Compliant with latest SD spec ver 5.1
- Supports UHS-I specification
- Maximum read speed up to 100MB/s *
- Safeguards valuable data with multiple protection

## Specification

- Capacity: 32GB / 64GB / 128GB / 256GB
- Performance: UHS Speed: Class 1
  Video Speed: Class 10
  Application Performance Class: A1
  Read Speed: Up to 100MB/s*
- Dimensions (L x W x H): 15 x 11 x 1mm
- Warranty: 5 years limited product lifetime

*Based on internal testing; performance may be lower depending upon host device interface, usage conditions and other factors.

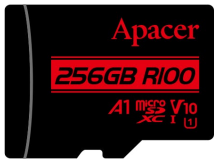
## Ordering Information

### Retail package with adapter

| Capacity | PN | EAN Code |
|---|---|---|
| 32GB | AP32GMCSH10UB-R | 4712389920881 |
| 64GB | AP64GMCSX10UB-R | 4712389920898 |
| 128GB | AP128GMCSX10UB-R | 4712389920904 |
| 256GB | AP256GMCSX10UB-R | 4712389920928 |

### Retail package without adapter

| Capacity | PN | EAN Code |
|---|---|---|
| 32GB | AP32GMCSH10UB-RA | 4712389920935 |
| 64GB | AP64GMCSX10UB-RA | 4712389920942 |
| 128GB | AP128GMCSX10UB-RA | 4712389920959 |
| 256GB | AP256GMCSX10UB-RA | 4712389920966 |



Apacer Technology Inc.

1F, No.32, Zhongcheng Rd., Tucheng Dist.
New Taipei City 236, Taiwan R.O.C.
Tel: +886-2-2267-8000
Fax: +886-2-2267-3410


RoHS

# Declaration of Conformity

| | |
|---|---|
| Name of Responsible Party: | Apacer Technology Inc. |
| Address of Responsible Party: | 1F., No.32, Zhongcheng Rd., Tucheng Dist., New Taipei City 236, Taiwan , R.O.C. |
| Declares that product: | microSD Card |
| Main Model: | microSDXC-1024GB |
| Series Model: | microSDHC-8GB; microSDHC-16GB; microSDHC-32GB; microSDXC-64GB; microSDXC-128GB; microSDXC-256GB; microSDXC-512GB |
| Brand: | Apacer |
| Assembled by: | Same as above |
| Address: | Same as above |

The object of the declaration described above is in conformity with the relevant UK Statutory Instruments (and their amendments):

S.I. 2016 No. 1091 Electromagnetic Compatibility Regulations 2016

References to the relevant designated standards used or references to the specifications in relation to which conformity is declared:

EN 55032:2015+A11:2020 and CISPR 32:2015+A1:2019 and BS EN 55032:2015+A11:2020 Class B Electromagnetic compatibility of multimedia equipment - Emission requirements.
AS/NZS CISPR 32:2015+A1:2020 Class B Electromagnetic compatibility of multimedia equipment- Emission requirements

| Performed Item | Test Performed | Deviation | Result |
|---|---|---|---|
| Conducted emissions from the AC mains power ports | Yes | No | PASS |
| Telecommunication Port Conducted Emissions (asymmetric mode) | N/A | N/A | N/A |
| Radiated emissions at frequencies below 1 GHz | Yes | No | PASS |
| Radiated emissions at frequencies above 1 GHz | Yes | No | PASS |
| Radiated emissions from FM receivers | N/A | N/A | N/A |
| Voltage Disturbance Emissions at Antenna Terminals | N/A | N/A | N/A |
| Differential voltage emissions | N/A | N/A | N/A |
| Outdoor units of home satellite receiving systems | N/A | N/A | N/A |

EN 55035:2017+A11:2020 and CISPR 35:2016 modified and BS EN 55035: 2017+A11:2020 Electromagnetic compatibility of multimedia equipment - Immunity requirements.

| Standard | Description | Results | Criteria |
|---|---|---|---|
| EN 61000-4-2:2009<br>IEC 61000-4-2:2008<br>BS EN 61000-4-2:2009 | Electrostatic Discharge | Pass | B |
| EN 61000-4-3:2006+A1:2008 +A2:2010<br>IEC 61000-4-3:2006+A1:2007+A2:2010<br>BS EN 61000-4-3:2006+A2:2010 | Radio-Frequency, Electromagnetic Field | Pass | A |
| EN 61000-4-4:2012<br>IEC 61000-4-4:2012<br>BS EN 61000-4-4:2012 | Electrical Fast Transient/Burst | Pass | B |
| EN 61000-4-5:2014+A1:2017<br>IEC 61000-4-5:2014+A1:2017<br>BS EN 61000-4-5:2014+A1:2017 | Surge | Pass | B |
| EN 61000-4-6:2014+AC:2015<br>IEC 61000-4-6:2013<br>BS EN 61000-4-6:2014 | Conductive Disturbance | Pass | A |
| EN 61000-4-8:2010<br>IEC 61000-4-8:2009<br>BS EN 61000-4-8:2010 | Power Frequency Magnetic Field | Pass | A |
| EN 61000-4-11:2004+A1:2017<br>IEC 61000-4-11:2004+A1:2017<br>BS EN 61000-4-11:2004+A1:2017 | Voltage Dips / Short Interruption and Voltage Variation | | |
| | >95% in 0.5 cycle | Pass | B |
| | 30% in 25 cycle | Pass | C |
| | >95% in 250 cycle | Pass | C |

| Standard | Description | Results |
|---|---|---|
| EN IEC 61000-3-2:2019<br>IEC 61000-3-2:2018<br>BS EN IEC 61000-3-2:2019 | Limits for harmonics current emissions | Pass |
| EN 61000-3-3:2013+A1:2019<br>IEC 61000-3-3:2013+A1:2017<br>BS EN 61000-3-3:2013+A1:2019 | Limits for voltage fluctuations and flicker in low-voltage supply systems. | Pass |

*We, Apacer Technology Inc., hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.*

---
Chain Yang
Apacer Technology Inc.
**Date: June 30, 2022**

Remarks:
1) The responsible party for Declaration of Conformity must be located within UK
2) The above is a sample of DoC, one should modify it to meet remark 1.