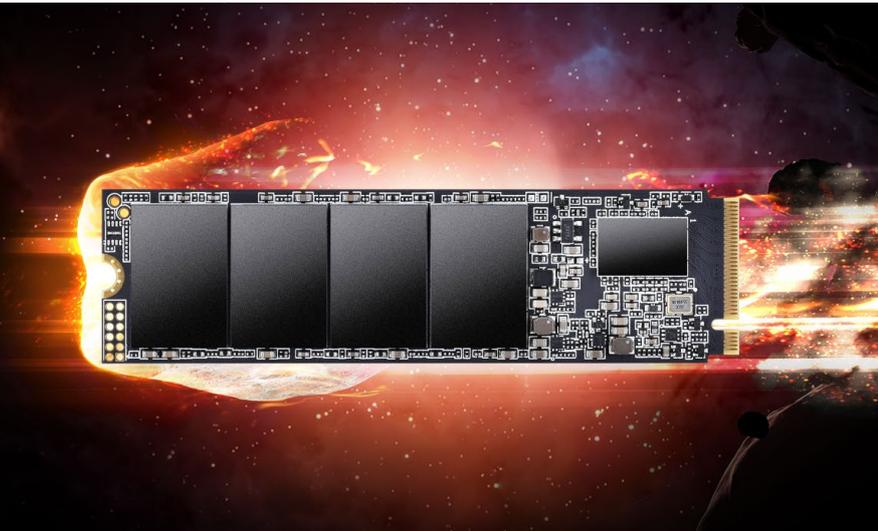


The Evolution of Gaming

Read Up to **3600** MB/s | Write Up to **3000** MB/s



AS2280Q4L M.2 PCIe Gen4 x4 SSD

AS2280Q4L's blazing-fast PCIe Gen4 x4 interface is fully compliant with the NVMe 1.4 standard. With sequential read/write performance of up to 3,600 / 3,000 MB/s, it is 1.8X as fast as a AS2280P4X M.2 SSD, and 7 times faster than a SATA SSD, providing unparalleled performance for gamers and video creators.

Features

- PCIe Gen4 x4 interface is fully compliant with the NVMe 1.4 standard.
- With sequential read/write performance of up to 3,600 / 3,000 MB/s.
- Built with 3D NAND Flash, offers capacity options of up to 2TB and performs higher efficiency and reliability.
- Data Protection Mechanism Delivers Consistent Performance

Specifications

- Form Factor : M.2 2280
- Interface : PCIe Gen4 x4
- Capacity : 512GB/1TB/2TB
- NAND Flash : 3D NAND
- MTBF : 1,500,000 hours
- Temperature Range
 - Standard Operating : 0°C ~ +70°C
 - Storage : -40 ~ +85°C
- Shock : 1500G/0.5msec
- Dimensions (L x W x H)
 - Single side : 80.00 x 22.00 x 2.25mm
 - Double side : 80.00 x 22.00 x 3.50mm
- Weight
 - Single-sided: 7.6g
 - Double-sided: 10.2g
- Warranty : 3 Years Limited

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

Performance*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance (TBW)
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
512GB	3600	3000	410K	600K	300
1TB	3600	3000	430K	740K	600
2TB	3600	2800	500K	600K	1200

*The performance may vary due to host hardware, software, usage and storage capacity.

Ordering Information

Capacity	Part Number	EAN Code
512GB	AP512GAS2280Q4L-1	4712389920331
1TB	AP1TBAS2280Q4L-1	4712389920355
2TB	AP2TBAS2280Q4L-1	4712389920348





EU DECLARATION OF CONFORMITY

Name and Address of the manufacturer:
Apacer Technology Inc.
1F., No.32, Zhongcheng Rd., Tucheng Dist., New Taipei City 236, Taiwan (R.O.C)

Name and address of the authorized representative:
Authorized representative name (within the EU)
Apacer Technology B.V.
Science Park Eindhoven 5051 5692 EB Son,
The Netherlands
Email: phoebe_cheng@apacer.nl

This declaration of conformity is issued under the sole responsibility of Apacer Technology Inc.

OBJECT OF THE DECLARATION

Type of Object.....: M.2 PCIe SSD
Regulatory Model.....: AS2280Q4U;AS2280Q4L;AS2280Q4X;AS2280Q4;TWSG4S;PA4480;PC4480
Trade/Manufacturer name.: Apacer/Apacer Technology Inc.

The object of the declaration described above is in conformity with the following Directives:

- DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)
- DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits
- Directive 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

The object of the declaration described above has been assessed and found in compliance with the following harmonised standards and technical references:

EMC: EN 55032: 2015/A11:2020
EN 55035:2017/A11:2020

RoHS: 2011/65/EU , EU/2015/863

SUPPLEMENTARY INFORMATION: The object of this declaration has been tested and found to comply with the electromagnetic compatibility (EMC) limits for a Class B digital device pursuant to the listed directives, regulations and standards. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential or business environment. The equipment was tested in a typical configuration.

New Taipei City, Taiwan

Place of Issue

2022/11/30

Date of Issue

Chain Yang

Signature

Vivian Lee

Chain Yang / Vivian Lee

Full Printed Name

Senior Engineer

Position/Title