

Win More Games with Incredible Speed

Read Up to **3000** MB/s

Write Up to **2000** MB/s

Ideal for PC Upgrades



AS2280P4 M.2 PCIe Gen3 x4 SSD

Apacer's proprietary SSD tuning technology boosts the read-write speeds of AS2280P4 to 3000/2000 MB/s, providing performance upgrade without raising the price.

Features

- Compliant with NVMe 1.3 Standard
- Ultra Thin M.2 Form Factor
- Sequential Read/Write Speed up to 3000/2000 MB/s

Specifications

- Form Factor : M.2 2280
- Interface : PCIe Gen3 x4
- Capacity : 240GB/256GB/480GB/512GB/1TB
- NAND Flash : 3D TLC
- 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 : 6.8g
- Warranty : 3 Years Limited

Performance*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance (TBW)
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
240GB	2100	1300	165K	265K	170
256GB	2100	1300	165K	265K	170
480GB	2100	1500	300K	420K	350
512GB	2100	1500	300K	420K	350
1TB	3000	2000	530K	420K	750

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

Ordering Information

Capacity	Part Number	EAN Code
240GB	AP240GAS2280P4-1	4712389917195
256GB	AP256GAS2280P4-1	4712389918239
480GB	AP480GAS2280P4-1	4712389917225
512GB	AP512GAS2280P4-1	4712389918246
1TB	AP1TBAS2280P4-1	4712389918253



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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 6051 6992 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.....: **AS2280P4U;AS2280P4U PRO;AS2280P4;AS2280P4 PRO;AS2280P4X;TWSG3;PC3480**
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