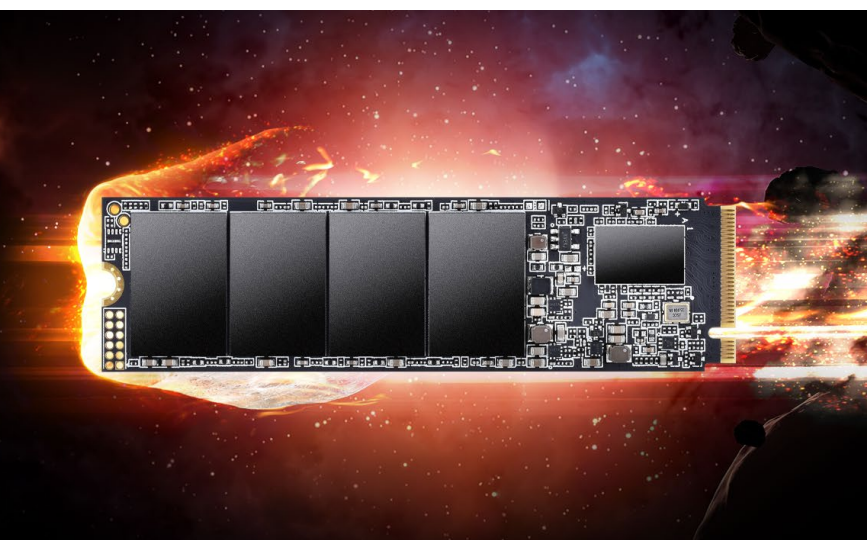## The Evolution of Gaming

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
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	(TBW)
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