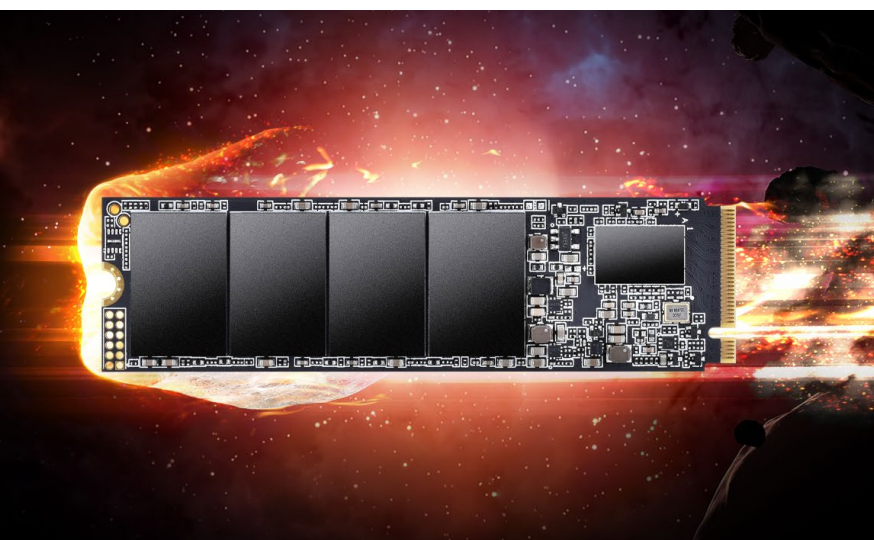


The Evolution of Gaming

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 twice as fast as a general M.2 SSD, and 15 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

- Capacity : 256GB/512GB/1TB/2TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D NAND
- Shock : 1,500G/0.5 msec
- MTBF : >1,500,000 hours
- Standard Operating Temperature : 0°C~+70°C
- Storage Temperature : -40°C~+80°C
- Dimension :
 - Single side : (L)80.00 x (W)22.00 x (H)2.25mm
 - Double side : (L)80.00 x (W)22.00 x (H)3.5mm
- Weight : Single-sided: 7.6g/Double-sided: 10.2g
- Certificate : CE, FCC, VCCI, BSMI, RoHS
- Warranty : 3 years or TBW, whichever occurs first.

Performance*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	TBW**
256GB	3300	1300	400K	600K	150
512GB	3600	3000	410K	600K	300
1TB	3600	3000	430K	740K	600
2TB	3600	2800	400K	600K	1200

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

**Terabytes Written(TBW): represents the total number of bytes that can be written before the SSD becomes unwritable. The larger the TBW value, the more resistant the SSD is to writing and the better the durability.

Ordering Information

Capacity	Part Number	EAN Code
256GB	AP256GAS2280Q4L-1	4712389921086
512GB	AP512GAS2280Q4L-1	4712389920331
1TB	AP1TBAS2280Q4L-1	4712389920355
2TB	AP2TBAS2280Q4L-1	4712389920348

