



EN: This Datasheet is presented by the manufacturer.

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At The Heart Of The Fleet

Read Up to **5000** MB/s
Write Up to **4,400** MB/s



AS2280Q4X M.2 PCIe Gen4 x4 SSD

AS2280Q4X leads the pack thanks to transmission speeds of up to 5,000 MB/s, offering professional users an unprecedented experience of lightning-fast usage and play! Furthermore, a dedicated heat sink effectively reduces the PCIe 4.0 SSD's temperature to maintain read/write performance at optimum levels.

Features

- PCIe Gen4 x4 interface is fully compliant with the NVMe 1.4 standard.
- With sequential read/write performance of up to 5,000 / 4,400 MB/s.
- With a graphene Heat Spreader, which can quickly dissipate generated heat.
- Built with 3D NAND Flash, offers capacity options of up to 4TB and performs higher efficiency and reliability.
- Data Protection Mechanism Delivers Consistent Performance
- 3-year global warranty

Specifications

- Form Factor : M.2 2280
- Interface : PCIe Gen4 x4
- Capacity : 512GB/1TB/2TB/4TB
- 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 side : 7.6g
 - Double side : 10.2g
- Warranty : 3 Years Limited

*The SSD is based on the TBW or Warranty period.

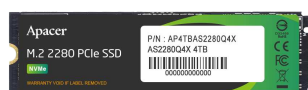
Performance*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance (TBW)
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
512GB	4500	2500	150K	300K	300
1TB	5000	4400	750K	750K	600
2TB	5000	4400	750K	750K	1200
4TB	5000	4400	750K	750K	1200

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

Ordering Information

Capacity	Part Number	EAN Code
512GB	AP512GAS2280Q4X-1	4712389920201
1TB	AP1TBAS2280Q4X-1	4712389920218
2TB	AP2TBAS2280Q4X-1	4712389920225
4TB	AP4TBAS2280Q4X-1	4712389920539



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