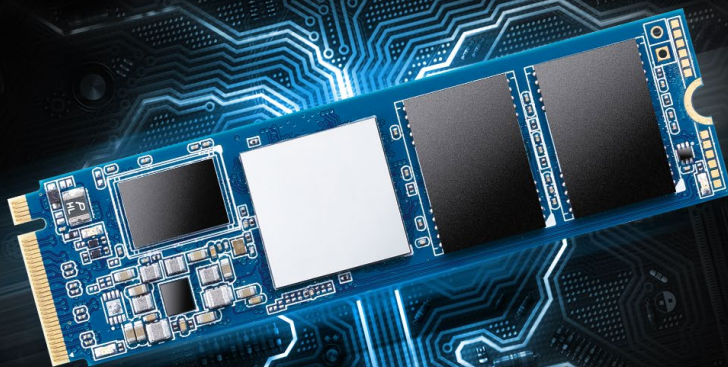# Apacer

Unparalleled Speed, Beyond the Peak

Read Up to **5000** MB/s | Write Up to **4400** MB/s

Comes with Dedicated **Heat Sink**

AS2280Q4 M.2 PCIe Gen4 x4 SSD

AS2280Q4 leads the peak with its speed up to 5,000 MB/s transmission performance, providing professional users with an unprecedented experience of lightning fast usage and play! Furthermore, a dedicated heat sink effectively reduces the PCIe 4.0 SSD temperature to maintain reading and writing performance at optimum levels.

Features

- The Latest PCIe 4.0 Technology
- Compliant with NVMe 1.3 Standard
- 3D TLC NAND Flash – Compact Size with Higher Capacity and Reliability
- Up to 5000 MB/s Ultra-High-Speed and Super-Steady
- Dedicated Heat Sink for Better Cooling
- Superior Data Integrity and Security

Specifications

- Form Factor : M.2 2280
- Interface : PCIe Gen4 x4
- Capacity : 500GB/1TB/2TB
- 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
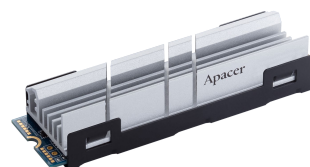- Weight : 9g
- Warranty : 3 Years Limited

Performance*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	(TBW)
500GB	4500	2500	150K	300K	400
1TB	5000	4400	750K	750K	1650
2TB	5000	4400	750K	750K	3350

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

Ordering Information

Capacity	Part Number	EAN Code
500GB	AP500GAS2280Q4-1	4712389917881
1TB	AP1TBAS2280Q4-1	4712389917867
2TB	AP2TBAS2280Q4-1	4712389917874