

Apacer

DOMINATE SPEED. OWN THE WIN.

AG2280Q4U

M.2 PCIe Gen4 x4 Gaming SSD



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Take your gaming performance further with the **AG2280Q4U** gaming SSD, featuring PCIe Gen4 and sequential read/write speeds of up to 7400/7000 MB/s. Its metal heatsink reduces operating temperatures by up to 35%, helping maintain cool, stable performance through extended gaming sessions.

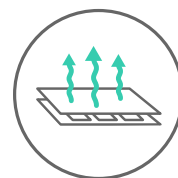
Dominate speed. Own the win. Experience fast, stable performance built for seamless gaming.

Key Features

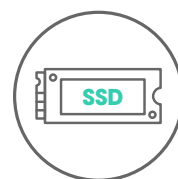
- PCIe Gen4 x4 interface with full NVMe 1.4 compliance
- Sequential read/write speeds up to 7400/7000 MB/s
- Metal heatsink helps reduce operating temperatures by up to 35%
- SLC Caching, Wear Leveling, and LDPC for enhanced stability
- Up to 8TB capacity for high-performance gaming and data storage



High-Speed
Performance



Superior
Heat Dissipation



Massive Storage
Capacity



Selling Points

Blazing Speed

Experience faster game loading, smoother multitasking, and responsive performance with PCIe Gen4 read/write speeds of up to 7400/7000 MB/s for demanding gaming and high-performance applications.

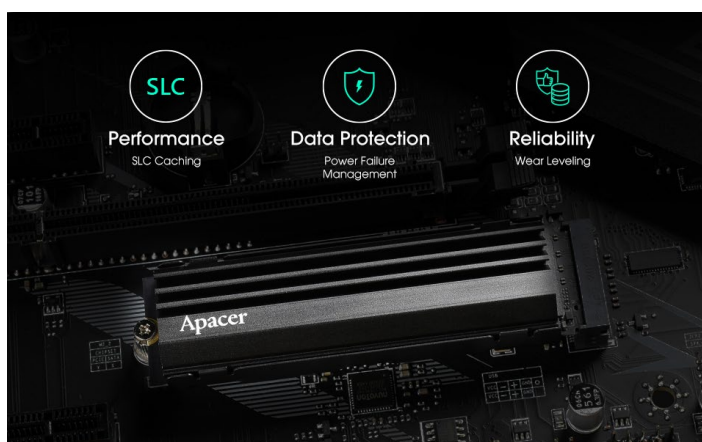


Freeze the Heat

A metal heatsink and unique airflow design help reduce operating temperatures by up to 35%, maintaining stable performance through extended gameplay.

Always Ready

LDPC ECC, End-to-End Data Protection, SMART Read Refresh™, and S.M.A.R.T. technologies work together to maintain data integrity and deliver reliable SSD performance for demanding gaming and high-performance applications.



Ultimate Game Storage

Store more games, high-resolution content, and demanding applications with up to 8TB capacity, built for endless game collections.

Specifications

- Model : AG2280Q4U
- Capacity : 512GB/1TB/2TB/4TB/8TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)** : 7400/7000
- IOPs (4K Random Write) : Up to 1000K
- Shock : 1500G/0.5 msec
- MTBF (Hours) : > 1,600,000
- Standard Operating Temperature (°C) : 0°C ~ 70°C
- Storage Temperature (°C) : -40°C ~ 85°C
- Dimensions (mm) :
 - Single side : (L)80.00 x (W)22.00 x (H)2.25
 - Double side : (L)80.00 x (W)22.00 x (H)3.50
 - With heat sink : (L)80.00 x (W)22.90 x (H)10.80
- Weight :
 - Single side : 7.6g
 - Double side : 10.2g
- Certificate : CE, UKCA, FCC, VCCI, BSMI, RoHS
- Warranty: 5 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)	Terabytes Written (TBW)
512GB	7000	3000	450K	700K	350
1TB	7300	6000	750K	1000K	750
2TB	7400	7000	1000K	1000K	1500
4TB	7400	6800	1000K	1000K	3000
8TB	7300	6600	1000K	1000K	6000

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

Ordering Information

Capacity	Part Number	EAN Code
512GB	AP512GAG2280Q4U-1	4712389922045
1TB	AP1TBAG2280Q4U-1	4712389922052
2TB	AP2TBAG2280Q4U-1	4712389922069
4TB	AP4TBAG2280Q4U-1	4712389922090
8TB	AP8TBAG2280Q4U-1	4712389922076