Apacer

Eclipse Your Rivals

AS2280Q4U M.2 PCIe Gen4 x4 SSD

The AS2280Q4U is a high-speed PCIe Gen4 x4 SSD designed to meet the demanding requirements of next-generation gaming. Engineered with an M.2 2280 form factor, it ensures **seamless compatibility with PS5* and high-performance PCs**.

Whether you're a **notebook user, PC enthusiast, or PS5 gamer**, we have the perfect storage solution for you. The AS2280Q4U gives you the flexibility to choose: install the enclosed heat sink for enhanced cooling or go without it for a more compact setup. **With heat sink**: Ideal for **PS5 and PC upgrades**, ensuring optimal performance. **Without heat sink**: Perfect for **notebooks**, offering a seamless fit and efficient storage expansion.
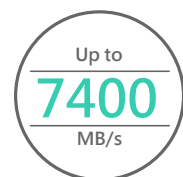
The heat sink effectively dissipates heat, reducing temperatures by up to 35% to **ensure optimal performance and system stability**. With **blazing-fast read/write speed**, the AS2280Q4U significantly reduces load times, delivering a smoother and more immersive gaming experience. Its high-capacity storage allows gamers to expand their library effortlessly, making it the ideal upgrade for **PS5 users and performance enthusiasts**.
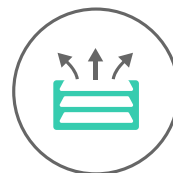
Key Features

- Meets the capacity expansion needs of PS5
- Accessory with a heat sink for better cooling, can be self-installed
- PCIe Gen4 x4 interface
- Read/Write speed up to 7400/7000 MB/s
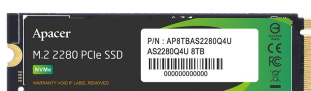- Capacity up to 8TB

Compatible with PS5

Up to
7400
MB/s

Lightning-fast R/W Speed

Maximum Heat Dissipation

8TB

Massive 8TB Capacity

*PS5 is a registered trademark or trademark of Sony Interactive Entertainment Inc.
*Please ensure that your PS5 console has been updated to the latest system software.

Specifications

- Model : AS2280Q4U
- Capacity : 512GB/1TB/2TB/4TB/8TB
- Material : Aluminum alloys/Silicone
- 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 9.7g
- Certificate : CE, FCC, VCCI, BSMI, RoHS, UKCA
- 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	AP512GAS2280Q4U-1	4712389919847
1TB	AP1TBAS2280Q4U-1	4712389919823
2TB	AP2TBAS2280Q4U-1	4712389919830
4TB	AP4TBAS2280Q4U-1	4712389921079
8TB	AP8TBAS2280Q4U-1	4712389921437

FC CE UK CA VCI D33466 RoHS ⑩ RoHS