



Tailored Specifically for **NAS** Systems

PB4480-R M.2 PCIe Gen4 x4 SSD

First NAS SSD equipped with the Latest High-speed PCIe Gen4 x4 Interface

The PB4480-R is the first NAS SSD on the market to be equipped with a PCIe Gen4 x4 high-speed interface. The read and write performance can reach up to 5,000 and 4,400 MB/s. This product promises video creators and small and medium-sized user's unparalleled fast performance, pursuing speed while also combining stability and high durability.

Easily and Quickly Upgrade the NAS System; Save Power, Totally Silent

Apacer NAS SSD uses 3D NAND flash memory specially designed for NAS applications, which can accelerate access speed, improve the performance of a NAS system, and thus improve productivity and efficiency. Compared with traditional hard drives, the PB4480-R NAS SSD is compact and durable. It has no moving parts and consumes little power. Perhaps most importantly, it operates in total silence. Flexible capacity selection are available. It's no wonder industry professionals prefer it!



High Durability and Extended Service Life

Apacer's NAS SSDs have excellent write performance*, which meets NAS's stringent read/write load requirements, delivering the reliability you need in a 24/7 year-round environment.

*Compared to consumer SSD, life expectancy is at least 3X

Product Advantages

- PCIe Gen4 x4 interface is fully compliant with the NVMe 1.4 standard.
- Capacity : 512GB / 1TB / 2TB / 4TB
- Sequential read : Up to 5,000MB/s
- Sequential write: Up to 4,400MB/s
- Random read/write (4K): : Up to 340,000
- S.M.A.R.T. /TRIM
- Heat sink Design



Product Specifications

Model / Interface	PB4480-R PCIe Gen 4 x4 、 NVMe 1.4			
Form Factor	M.2 2280-S2-M			
Dimensions(mm)	(L)80.00 x (W)22.00 x (H)2.35mm			
NAND Flash Type	3D TLC			
Standard Model	AP512GPB4480-R	AP1TPB4480-R	AP2TPB4480-R	AP4TPB4480-R
Capacity	512GB	1TB	2TB	4TB
Terabytes Written (TBW)	500	1000	2000	4000
Sequential Read (MB/s)	4,500	5,000	4,800	3,600
Sequential Write (MB/s)	2,500	4,400	4,400	3,200
Random Read IOPS (4K)	380,000	450,000	440,000	430,000
Random Write IOPS (4K)	280,000	340,000	340,000	150,000
MTFB	2,000,000 hours			
Warranty	5 years or TBW (whichever occurs first)			



Ordering Information

Packing	Capacity	PN	EAN Code
Color box	512GB	AP512GPB4480-R	4712389920393
	1TB	AP1TPB4480-R	4712389920409
	2TB	AP2TPB4480-R	4712389920416
	4TB	AP4TPB4480-R	4712389920423

Apacer Technology Inc.

www.apacer.com

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