

Apacer Professional Solutions

PB4480 Gen4 x4



Overview

Apacer PB4480 is a high-speed PCIe Gen4 x4 NVMe 1.4 M.2 SSD designed for professional computing environments that demand top-tier performance. Equipped with a powerful PCIe controller, it delivers outstanding throughput with sequential read/write speeds up to 5000/4400 MB/s and IOPS up to 450K/340K ensuring rapid response in data-intensive and multitasking scenarios.

Available in capacities ranging from 256GB to 4TB, PB4480 also features an ultra-thin graphene heat spreader that enables effective thermal management, maintaining consistent performance even under heavy workloads. Combining Gen4 performance with a sleek thermal solution, it is the ideal storage upgrade for business laptops, workstations, and high-performance mobile systems.

Features

- M.2 2280 single side, M key form factor
- Sequential read/write performance up to 5500/4400 MB/s
- 256GB/512GB/1TB/2TB/4TB capacities available
- Supports S.M.A.R.T./TRIM
- Heat spreader design

Specifications

Model Name	PB4480
Capacity	256GB/512GB/1TB/2TB/4TB
Interface	PCIe Gen4 x4
NAND Flash	3D TLC
Sequential Read Performance*	Up to 5500 MB/s
Sequential Write Performance*	Up to 4400 MB/s
IOPS (4K Random Write)	Up to 340K
MTBF (Hours)	>2,000,000
Standard Operating Temperature (°C)	0°C ~ 70°C
Storage Operating Temperature (°C)	-40°C ~ 85°C
Dimension	(L)80.00 x (W)22.00 x (H)2.43 mm
Warranty	3 years or TBW**, whichever occurs first

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

**Terabytes Written(TBW): represents the total number of bytes that can be written before the SSD becomes unwritable. The larger the TBW value, the more resistant the SSD is to writing and the better the durability.

**For more information,
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