

Apacer Professional Solutions

PJ4480 Gen4 x4



Overview

Apacer PJ4480 is a PCIe Gen4 x4 NVMe SSD designed for professional applications and high-performance systems that demand exceptional speed. It delivers outstanding sequential read/write speeds of up to 7000 / 6000 MB/s. This significant performance boost ensures faster data access and seamless handling of intensive workloads, including large file transfers, multitasking, and data-heavy applications.

Available in capacities ranging from 256GB to 2TB, PJ4480 meets a wide range of storage requirements. It features Apacer's patented graphene heat spreader with an insulated design, effectively mitigating short-circuit risks while enhancing thermal stability to ensure reliable operation during prolonged, high-speed workloads. Combining superior performance with effective cooling, PJ4480 is an ideal storage upgrade for business laptops, mobile workstations, and high-performance computing systems—delivering speed, reliability, and efficiency for today's data-driven environments.

Features

- M.2 2230 PCIe Gen4 x4 interface
- Sequential read/write speed up to 7000/6000 MB/s
- 256GB/512GB/1TB/2TB capacities available
- Supports S.M.A.R.T./TRIM
- Apacer patented graphene heat spreader design (Patent No. I875365)

Specifications

Model Name	PJ4480
Capacity	256GB/512GB/1TB/2TB
Interface	M.2 2280
NAND Flash	3D NAND
Sequential Read Performance*	Up to 7000 MB/s
Sequential Write Performance*	Up to 6000 MB/s
IOPS (4K Random Write)	Up to 1250K
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,
contact your Apacer representative**

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