

# Apacer Professional Solutions

PD4480 Gen4 x4



## Overview

Apacer PD4480 is an entry-level PCIe Gen4 x4 NVMe 1.4 M.2 SSD that delivers read/write speeds of up to 3600/3000 MB/s, providing fast load times and smooth workflow performance for high-efficiency systems. Its ultra-slim graphene heat spreader ensures effective thermal management, helping maintain stable performance even under sustained operation.

Designed in a compact M.2 2280 form factor, PD4480 offers flexible integration into desktops, laptops, and embedded devices. With storage capacities ranging from 256GB to 2TB, it provides ample space for applications, documents, media files, and games — making it a reliable, cost-effective upgrade for everyday computing needs.

## Features

- PCIe Gen4 x4 interface is fully compliant with NVMe 1.4 standard
- Sequential read/write performance up to 3600/3000 MB/s
- 256GB/512GB/1TB/2TB capacities available
- Data protection mechanism delivers consistent performance
- Heat spreader design

## Specifications

<b>Model Name</b>	PD4480
<b>Capacity</b>	256GB/512GB/1TB/2TB
<b>Interface</b>	PCIe Gen4 x4
<b>NAND Flash</b>	3D NAND
<b>Sequential Read Performance*</b>	Up to 3600 MB/s
<b>Sequential Write Performance*</b>	Up to 3000 MB/s
<b>IOPS (4K Random Write)</b>	Up to 270K
<b>MTBF (Hours)</b>	>2,000,000
<b>Standard Operating Temperature (°C)</b>	0°C ~ 70°C
<b>Storage Operating Temperature (°C)</b>	-40°C ~ 85°C
<b>Dimension</b>	(L)80.00 x (W)22.00 x (H)2.43 mm
<b>Warranty</b>	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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