

Apacer Professional Solutions

PBSS25 SATA III



Overview

Apacer PBSS25 is a cost-effective SATA III SSD featuring a high-speed 6Gb/s interface and sequential read/write speeds of up to 550/520 MB/s. Designed as a reliable upgrade from traditional hard drives, it offers significantly faster boot times, quicker application loading, and smoother data transfers.

Built with high-capacity storage options and free from the mechanical limitations of HDDs, PBSS25 delivers consistent, optimized performance and long-term durability. This SSD is an ideal solution for desktops, laptops, and embedded systems looking to enhance everyday computing with improved speed and stability.

Features

- SATA III interface, providing 6Gb/s extremely fast interface
- Sequential read/write performance up to 550/520 MB/s
- 256GB/512GB/1TB/2TB/4TB capacities available
- Supports S.M.A.R.T. and TRIM command

Specifications

Model Name	PBSS25
Capacity	256GB/512GB/1TB/2TB/4TB
Interface	SATA 3.2
NAND Flash	3D NAND
Sequential Read Performance*	Up to 550 MB/s
Sequential Write Performance*	Up to 520 MB/s
IOPS (4K Random Write)	Up to 70K
MTBF (Hours)	>2,000,000
Standard Operating Temperature (°C)	0°C ~ 70°C
Storage Operating Temperature (°C)	-40°C ~ 70°C
Dimension	(L)99.90x (W)69.90 x (H)6.90 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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