Apacer

Tailored Specifically for NAS Systems

PPSS25/PPSS80/PP3480 NAS SSDs

Product Advantages

- High Durability
- High-speed Access
- Accelerate NAS Performance
- Power Saving
- Silent Operation
- Flexible Capacity Selection

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.

High-speed Access

Apacer's NAS SSDs have the advantages of low latency and fast response. It can support 4K and other high-resolution image formats and helps graphic designers improve storage performance.
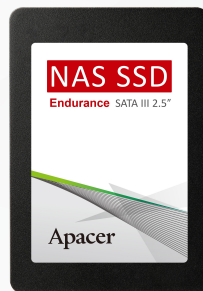
Quick Upgrade

Apacer's NAS SSDs use 3D NAND flash memory specially designed for NAS applications, which can accelerate access speeds, improve performance, and increase productivity. Apacer's NAS SSDs are available in 2.5-inch and M.2 (SATA III & PCIe) form factors, allowing for a quick upgrade for an existing NAS system.

Silent Operation with Low Power Consumption

Compared to traditional hard drives, Apacer's NAS SSDs are light and compact, have no moving parts, are vibration-proof and have low power consumption*. More importantly, they are completely silent.

*Compared to traditional hard drives, SSDs only require 1/3 the power consumption.

Product Specifications

Model / Interface	PPSS25 SATA 6Gb/s			
Form Factor	2.5"	2.5"	2.5"	2.5"
Dimensions(mm)	100 x 69.85 x 6.9	100 x 69.85 x 6.9	100 x 69.85 x 6.9	100 x 69.85 x 6.9
NAND Flash Type	3D TLC	3D TLC	3D TLC	3D TLC
Standard Model	AP256GPPSS25-R	AP512GPPSS25-R	AP1TPPSS25-R	AP2TPPSS25-R
Capacity	256GB	512GB	1TB	2TB
Terabytes Written (TBW)	385	820	2065	3750
Sequential Read (MB/s)	550	550	550	550
Sequential Write (MB/s)	480	495	465	530
Random Read IOPS (4K)	72,000	70,000	81,000	99,000
Random Write IOPS (4K)	83,000	79,000	78,000	90,000
Warranty*	5 Years Limited	5 Years Limited	5 Years Limited	5 Years Limited

Note:

Results may differ from various flash configurations or host system setting.

Warranty*: 5 years or TBW whichever occurs first.

Apacer Technology Inc.