



## 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 |                   |                   |                   |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Form Factor</b>             | 2.5"              | 2.5"              | 2.5"              | 2.5"              |
| <b>Dimensions(mm)</b>          | 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 |
| <b>NAND Flash Type</b>         | 3D TLC            | 3D TLC            | 3D TLC            | 3D TLC            |
| <b>Standard Model</b>          | AP128GPPSS25-R    | AP256GPPSS25-R    | AP512GPPSS25-R    | AP1TPSS25-R       |
| <b>Capacity</b>                | 128GB             | 256GB             | 512GB             | 1TB               |
| <b>Terabytes Written (TBW)</b> | 175               | 385               | 820               | 2065              |
| <b>Sequential Read (MB/s)</b>  | 550               | 550               | 550               | 550               |
| <b>Sequential Write (MB/s)</b> | 450               | 490               | 490               | 500               |
| <b>Random Read IOPS (4K)</b>   | 65,000            | 84,000            | 75,000            | 80,000            |
| <b>Random Write IOPS (4K)</b>  | 81,000            | 86,000            | 68,000            | 75,000            |
| <b>Warranty*</b>               | 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.

[www.apacer.com](http://www.apacer.com)

Copyright ©2020 Apacer Technology Inc. All Rights Reserved. Information in this document is subject to change without prior notice.

Apacer and the Apacer logo are trademarks or registered trademarks of Apacer Technology Inc. Other brands, names, trademarks or registered trademarks may be claimed as the property of their respective owners.