

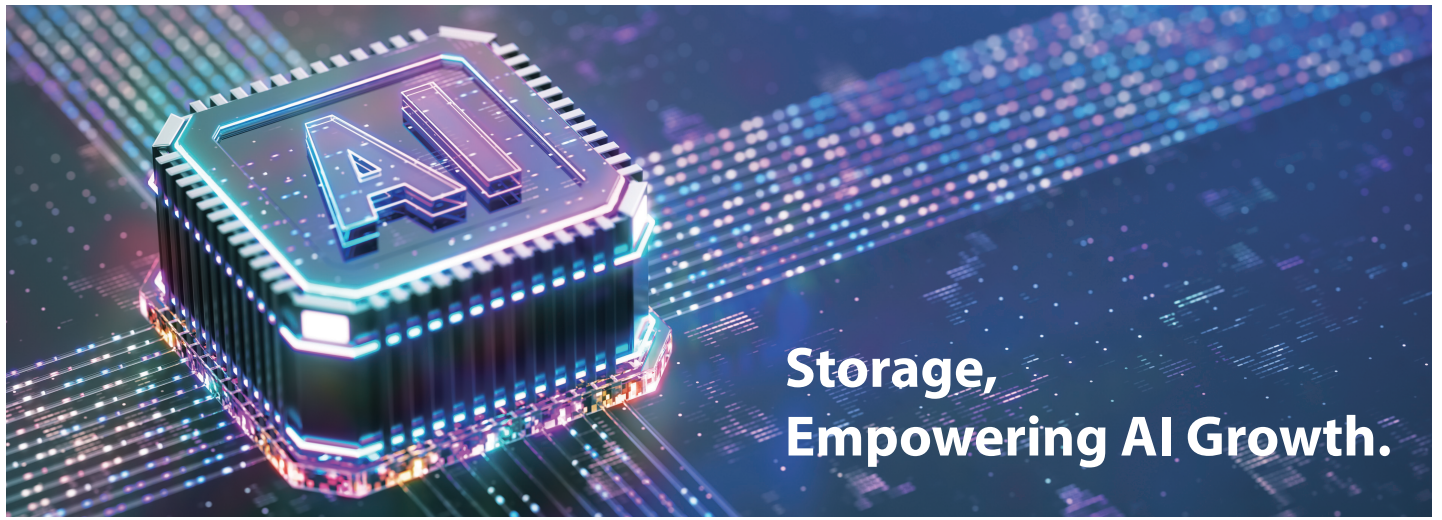
Apacer



Apacer Consumer Solutions (SSD)

Smart Living. Inspired Ideas.





Storage, Empowering AI Growth.

For over two decades, Apacer has redefined the role of storage across diverse global industries and markets. Today, we are entering a pivotal new chapter—evolving our foundation in high-performance storage to drive Edge AI. By combining data-driven technologies with ultra-reliable engineering, we deliver smart-integrated storage solutions that empower critical applications in robotics, smart manufacturing, modern mobility, and next-generation IoT.

In collaboration with our leading ecosystem partners, we enable enterprises to process data closer to the source—achieving higher efficiency, enhanced reliability, and sustainable innovation for a better tomorrow.

Highlighted Technologies

Data Integrity

End-to-End Data Protection



Ensures Data Integrity at Multiple Points

Apacer End-to-End Data Protection can improve system stability and enable reliable data transfers. This technology ensures error checking whenever data moves between the host, controller, DRAM, or NAND flash.

Smart Read Refresh™



Ensure Data Access Over Time

Apacer Smart Read Refresh™ provides a more durable experience. The data will be rewritten to a different block to prevent read disturb errors and reduce the risk of corruption or loss.

Longevity

S.M.A.R.T.



Self-monitoring System to Monitor SSD Status

Apacer S.M.A.R.T. is an early warning system to help users avoid unexpected downtime and offers realtime indicators of SSD health and potential issues.

Value-Added Software

Apacer SSD Utility



Proactive SSD Health Management for Continuity

Apacer's SSD Utility provides a user-friendly interface for realtime SSD health monitoring and workload analysis, preventing failures from excessive tasks in demanding environments.

Elevated Performance,
Lightning-Fast Speed



Coming Soon



Gen5



Heat
Dissipation

AS2280F4U

- Capacity : 1TB/2TB/4TB
- Interface : PCIe Gen5 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 14000/13000
- MTBF (Hours) : >1,600,000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)3.50



Gen5



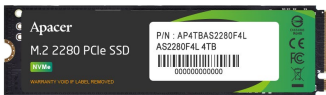
Heat
Dissipation

AS2280F4

- Capacity : 1TB/2TB/4TB
- Interface : PCIe Gen5 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 12400/12000
- MTBF (Hours) : >1,600,000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)3.50

AS2280F4L

- Capacity : 1TB/2TB
- Interface : PCIe Gen5 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 10500/8700
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)2.38



Gen5



Low Power
Consumption



Compatible
with PS5



Heat
Dissipation

AS2280Q4U for PS5

- Capacity : 512GB/1TB/2TB/4TB/8TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 7400/7000
- MTBF (Hours) : >1,600,000
- Dimensions (mm) : (L)80.00 x (W)22.90 x (H)10.80

AS2280Q4X

- Capacity : 512GB/1TB/2TB/4TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 5000/4400
- MTBF (Hours) : >1,500,000
- Dimensions (mm) :
Single side : (L)80.00 x (W)22.00 x (H)2.25
Double side : (L)80.00 x (W)22.00 x (H)3.50



Heat Spreader



Data Protection
Mechanism



Heat Spreader



Data Protection
Mechanism

AS2280P4U PRO

- Capacity : 256GB/512GB/1TB/2TB
- Interface : PCIe Gen3 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 3500/3000
- MTBF (Hours) : >1,800,000
- Dimensions (mm) :
Single side : (L)80.00 x (W)22.00 x (H)3.75
Double side : (L)80.00 x (W)22.00 x (H)5.00

AS2280P4X



- Capacity : 256GB/512GB/1TB/2TB
- Interface : PCIe Gen3 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 3000/2000
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)2.25



Up to 2TB



Data Protection Mechanism

AST280X



- Capacity : 128GB/256GB/512GB/1TB/2TB
- Interface : SATA III
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 520/500
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)2.25



SATA III



Data Protection Mechanism

PE4430-R



- Capacity : 1TB/2TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 5500/5200
- MTBF (Hours) : >2,000,000
- Dimensions (mm) : (L)30.00 x (W)22.00 x (H)2.43



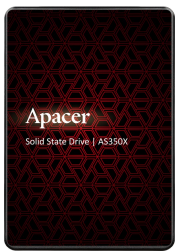
Handheld Console



Heat Spreader

2.5" SATA SSD Line-Up

Your First Choice for PC Upgrading



SATA III



Data Protection Mechanism

AS350X

- Capacity : 128GB/256GB/512GB/1TB/2TB/4TB
- Interface : SATA III
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 560/540
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)100.00 x (W)69.85 x (H)6.90



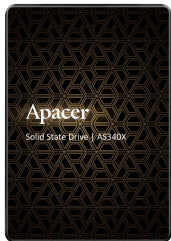
SATA III



Data Protection Mechanism

AS350 PANTHER

- Capacity : 128GB/256GB/512GB/1TB
- Interface : SATA III
- NAND Flash : 3D TLC
- Sequential Read/Write (MB/s) (Max)* : 560/540
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)100.00 x (W)69.85 x (H)6.90



SATA III



Data Protection Mechanism

AS340X

- Capacity : 120GB/240GB/480GB/960GB
- Interface : SATA III
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 550/520
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)100.00 x (W)69.85 x (H)6.90



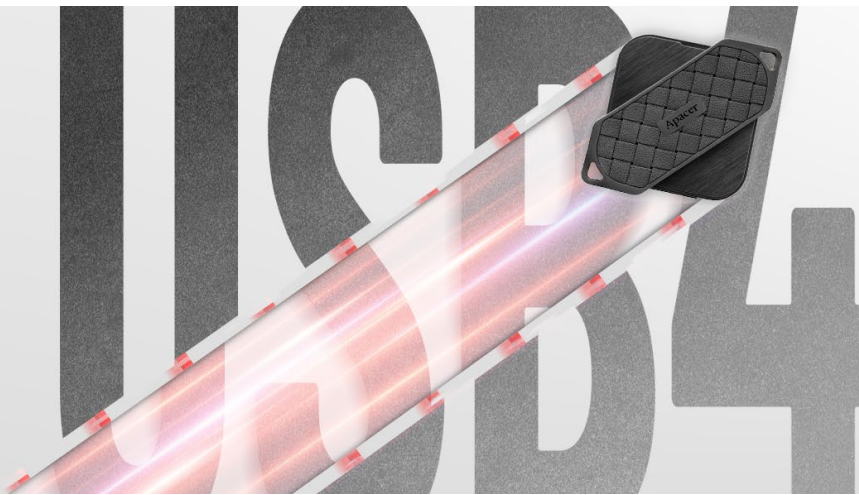
SATA III



Data Protection Mechanism

AS340 PANTHER

- Capacity : 120GB/240GB/480GB/960GB
- Interface : SATA III
- NAND Flash : 3D TLC
- Sequential Read/Write (MB/s) (Max)* : 550/520
- MTBF (Hours) : >1,500,000
- Dimensions (mm) : (L)100.00 x (W)69.85 x (H)6.90



Built for Speed Defined by Pattern



AS741

- Capacity : 1TB/2TB/4TB
- Interface : USB4 Gen3 x2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 4000/3600
- Dimensions (mm) : (L)72.00 x (W)72.00 x (H)16.00



USB4



Shockproof



AS726M

- Capacity : 512GB/1TB/2TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 2000/2000
- Dimensions (mm) : (L)63.00 x (W)63.00 x (H)10.50



Magnetic



Shockproof



AS725

- Capacity : 256GB/512GB/1TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 1000/1000
- Dimensions (mm) : (L)63.00 x (W)63.00 x (H)10.50



Magnetic



Shockproof

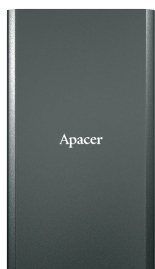


AS724

- Capacity : 512GB/1TB/2TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 500/500
- Dimensions (mm) : (L)60.60 x (W)80.60 x (H)9.00



Shockproof



AS723

- Capacity : 500GB/1TB/2TB
- Interface : USB 3.2 Gen2 x2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 2000/2000
- Dimensions (mm) : (L)79.10 x (W)44.40 x (H) 8.50



Shockproof



Pressure Resistant



AS714

- Capacity : 512GB/1TB/2TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 1000/1000
- Dimensions (mm) : (L)50.90 x (W)50.45 x (H)15.60



Silicone Case



Shockproof



IP65



AS712



- Capacity : 1TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 1000/900
- Dimensions (mm) :
SSD :
(L)124.00 x (W)40.10 x (H)13.60
SSD+Cradle :
(L)185.00 x (W)57.00 x (H)36.50



Essential Oil
Diffuser



ESG

AS711A



- Capacity : 250GB/500GB/1TB
- Interface : USB 3.2 Gen2
- NAND Flash : 3D NAND
- Sequential Read/Write (MB/s) (Max)* : 1040/925
- Dimensions (mm) :
(L)58.10 x (W)17.10 x (H)12.20

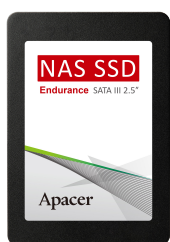
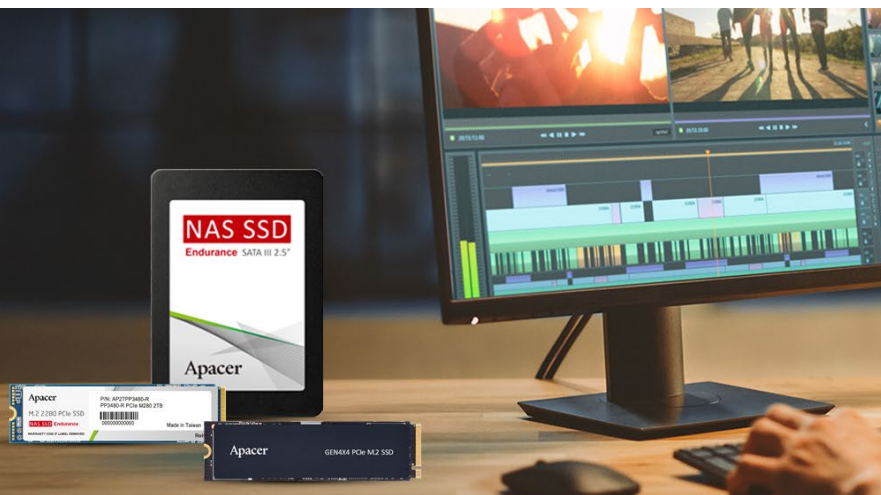


Shockproof



Anti-vibration

Tailored Specifically for NAS Systems



PPSS25-R

- Capacity : 256GB/512GB/1TB/2TB
- Interface : SATA III
- NAND Flash : 3D TLC
- Sequential Read/Write (MB/s) (Max)* : 560/510
- Terabytes Written (TBW) : 385/820/2065/3750
- Dimensions (mm) : (L)100.00 x (W)69.85 x (H)7.00



Improve NAS Efficiency



Low Latency



Up to 2TB



PP3480-R

- Capacity : 256GB/512GB/1TB/2TB
- Interface : PCIe Gen3 x4
- NAND Flash : 3D TLC
- Sequential Read/Write (MB/s) (Max)* : 2450/2000
- Terabytes Written (TBW) : 500/1000/2000/4000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)2.23



Improve NAS Efficiency



Low Latency



Up to 2TB



PB4480-R

- Capacity : 512GB/1TB/2TB/4TB
- Interface : PCIe Gen4 x4
- NAND Flash : 3D TLC
- Sequential Read/Write (MB/s) (Max)* : 5000/4400
- Terabytes Written (TBW) : 500/1000/2000/4000
- Dimensions (mm) : (L)80.00 x (W)22.00 x (H)2.43



Improve NAS Efficiency



Low Latency



Heat Spreader

*The performance may vary due to host hardware, software, usage and storage capacity.