Apacer

Apacer Consumer & Gaming Solutions

Access Limitless Potential

From Inspired Ideas to Unstoppable Wins

Brochure

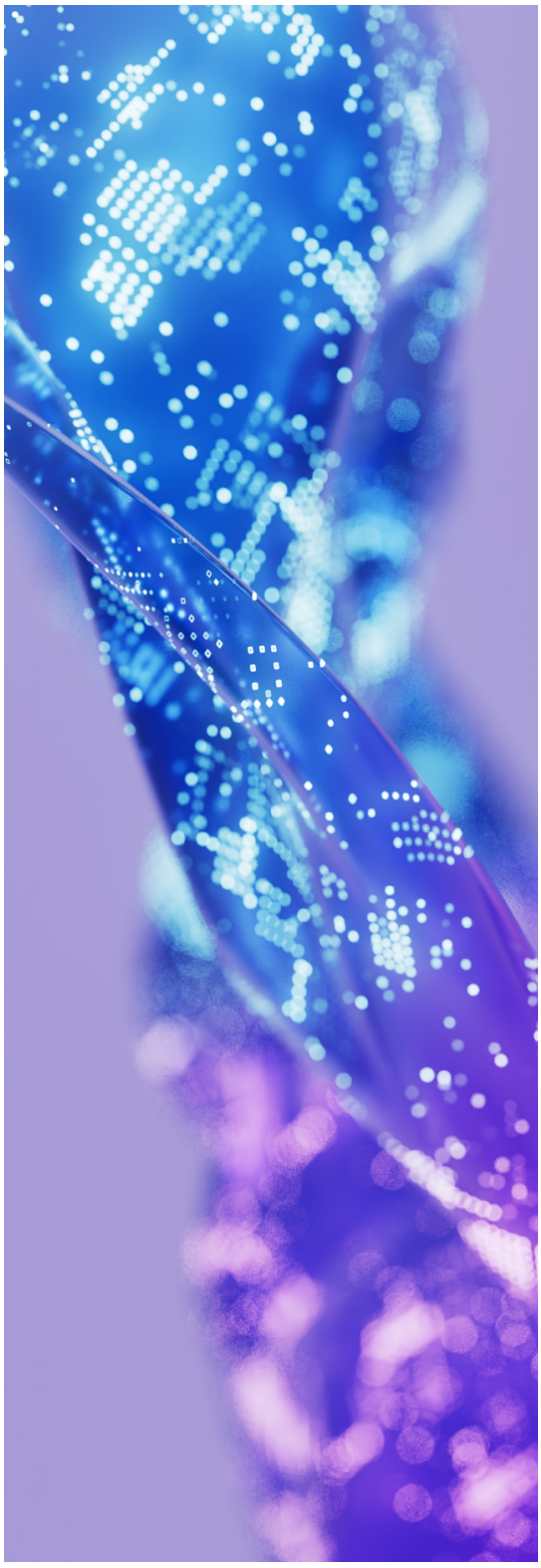
In a World

Where Data Drives Every Decision,

Apacer leads the charge in technology innovation, providing state-of-the-art SSD and DRAM solutions tailored to both consumer and industrial needs. From purpose-driven applications to immersive entertainment, we ensure seamless data storage, fast processing, and unmatched reliability for a wide spectrum of use cases.

At Apacer, we go beyond delivering products — we partner with you to solve challenges, optimize performance, and future-proof your operations. With our commitment to excellence and a focus on empowering businesses and individuals, we help you unlock the full potential of your data.

Access the Best — Where Reliability Meets Innovation.



> **"At Apacer, innovation is at the heart of everything we do. We're unlocking the full potential of data, no matter where it resides, and delivering transformative solutions that drive business growth and enrich lives worldwide."**

Gibson Chen
President of Apacer

Purpose-Built SSD for Consumer Applications

Apacer offers high-performance and stylish storage solutions designed to meet the needs of consumer's daily lives. Not only built for reliability, endurance, and speed, but also uplift personal's experience. Our purpose-built SSD ensure smooth and seamless operation, whether you're managing demanding tasks, handling large files, or creating on the go. Elevate your works, entertainment, and lifestyle with multi-choice storages you can depend on.

Data Integrity

End-to-End Data Protection

Ensures Data Integrity at Multiple Points

Apacer End-to-end 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 real-time 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 real-time SSD health monitoring and workload analysis, preventing failures from excessive tasks in demanding environments.

PCIe/SATA M.2 SSD

Features

- **Various Interface and Capacities** - Provide high performance and up to 8TB to meet users' demanding tasks.
- **Cooling Function Designs** - Offer heatsink and heat spreader product choice for purposed heat dissipation need.
- **Advanced Data Protection Mechanism** - Provide Global Wear-leveling and Smart Read Refresh™ to ensure data integrity.
- **Self-monitoring System** - Provide S.M.A.R.T. Support and SSD Utility to monitor SSD status.

Coming soon

Model	AS2280F4U*	AS2280F4*	AS2280F4L
Capacity	1TB/2TB/4TB	1TB/2TB/4TB	1TB/2TB
Interface	PCIe Gen5 x4	PCIe Gen5 x4	PCIe Gen5 x4
NAND Flash	3D NAND	3D NAND	3D NAND
Sequential Read/Write (MB/s) (Max)**	14000/13000	12400/12000	10500/8700
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃	0℃ ~ 70℃
MTBF (Hours)	>1,600,000	>1,600,000	>1,600,000
Dimensions (mm)	(L)80.00 x (W)22.00 x (H)3.50	(L)80.00 x (W)22.00 x (H)3.50	(L)80.00 x (W)22.00 x (H)2.38
Warranty	5 years or TBW***, whichever occurs first		

*To ensure sustained performance, Gen5 NVMe SSDs must be used with effective cooling solutions and adequate system airflow.
**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.

Model	AS2280Q4U for PS5	AS2280Q4X	AS2280P4U PRO
Capacity	512GB/1TB/2TB/4TB/8TB	512GB/1TB/2TB/4TB	256GB/512GB/1TB/2TB
Interface	PCIe Gen4 x4	PCIe Gen4 x4	PCIe Gen3 x4
NAND Flash	3D NAND	3D NAND	3D NAND
Sequential Read/Write (MB/s) (Max)*	7400/7000	5000/4400	3500/3000
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃	0℃ ~ 70℃
MTBF (Hours)	>1,600,000	>1,500,000	>1,800,000
Dimensions (mm)	(L)80.00 x (W)22.90 x (H)10.80	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	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
Warranty	5 years or TBW**, whichever occurs first	3 years or TBW**, whichever occurs first	5 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.

Model	AS2280P4X	AST280X
Capacity	256GB/512GB/1TB/2TB	128GB/256GB/512GB/1TB/2TB
Interface	PCIe Gen3 x4	SATA III
NAND Flash	3D NAND	3D NAND
Sequential Read/Write (MB/s) (Max)*	3000/2000	520/500
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃
MTBF (Hours)	>1,500,000	>1,500,000
Dimensions (mm)	(L)80.00 x (W)22.00 x (H)2.25	(L)80.00 x (W)22.00 x (H)2.25
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.

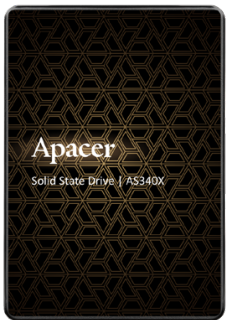
2.5" SATA SSD

Features

- **Advanced Data Protection Mechanism** - Provide Global Wear-leveling and Smart Read Refresh™ to ensure data integrity.
- **Self-monitoring System** - Provide S.M.A.R.T. Support and SSD Utility to monitor SSD status.

Model	AS350 PANTHER	AS350X
Capacity	128GB/256GB/512GB/1TB	128GB/256GB/512GB/1TB/2TB/4TB
Interface	SATA III	SATA III
NAND Flash	3D TLC	3D NAND
Sequential Read/Write (MB/s) (Max)*	560/540	560/540
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃
MTBF (Hours)	>1,500,000	>1,500,000
Dimensions (mm)	(L)100.00 x (W)69.85 x (H)6.90	(L)100.00 x (W)69.85 x (H)6.90
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.



Model	AS340 PANTHER	AS340X
Capacity	120GB/240GB/480GB/960GB	120GB/240GB/480GB/960GB
Interface	SATA III	SATA III
NAND Flash	3D TLC	3D NAND
Sequential Read/Write (MB/s) (Max)*	550/520	550/520
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃
MTBF (Hours)	>1,500,000	>1,500,000
Dimensions (mm)	(L)100.00 x (W)69.85 x (H)6.90	(L)100.00 x (W)69.85 x (H)6.90
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.

Portable SSD

Features

- **Multiple Designs and Magnetic Options** - Designed for diverse applications and users' needs.
- **Passed 1.22m Military-grade Drop Test** - Ensure data security in the event of accidental drops.
- **Self-monitoring System** - Provide S.M.A.R.T. Support and SSD Utility to monitor SSD status.

Model	AS726M	AS725	AS724
Capacity	512GB/1TB/2TB	256GB/512GB/1TB	512GB/1TB/2TB
Interface	USB 3.2 Gen2	USB 3.2 Gen2	USB 3.2 Gen2
NAND Flash	3D NAND	3D NAND	3D NAND
Sequential Read/Write (MB/s) (Max)*	2000/2000	1000/1000	500/500
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃	0℃ ~ 70℃
Dimensions (mm)	(L)63.00 x (W)63.00 x (H)10.50	(L)63.00 x (W)63.00 x (H)10.50	(L)60.60 x (W)80.60 x (H)9.00
Warranty	3 years limited	3 years limited	3 years limited
Features	Magnetic Shockproof	Magnetic Shockproof	Shockproof

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

Model	AS723	AS722	AS714
Capacity	500GB/1TB/2TB	512GB/1TB	512GB/1TB/2TB
Interface	USB 3.2 Gen2 x2	USB 3.2 Gen2	USB 3.2 Gen2
NAND Flash	3D NAND	3D TLC	3D NAND
Sequential Read/Write (MB/s) (Max)*	2000/2000	1000/900	1000/1000
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 70℃	0℃ ~ 70℃
Dimensions (mm)	(L)79.10 x (W) 44.40 x (H) 8.50	(L)122.00 x (W)36.00 x (H)12.00	(L)50.90 x (W)50.45 x (H)15.60
Warranty	5 years limited	3 years limited	3 years limited
Features	Shockproof, Pressure Resistant	Shockproof, Anti-vibration	Silicone Case, Shockproof, IP65

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

Model	AS712	AS711A
Capacity	1TB	250GB/500GB/1TB
Interface	USB 3.2 Gen2	USB 3.2 Gen2
NAND Flash	3D NAND	3D NAND
Sequential Read/Write (MB/s) (Max)*	1000/900	1040/925
Operating Temperature (℃)	0℃ ~ 70℃	0℃ ~ 60℃
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	(L)58.10 x (W)17.10 x (H)12.20
Warranty	3 years limited	3 years limited
Features	Essential Oil Diffuser**	Shockproof, Anti-vibration

*The performance may vary due to host hardware, software, usage and storage capacity.
**Free USB-C to USB-C cradle (connector) enclosed. Essential oil is not included.

Military-grade Portable Hard Drive

Features

- **Passed 1.22m Military-grade Drop Test** - Ensure data security in the event of accidental drops.
- **Anti-vibration Function** - Equipped with internal suspension structure to absorb shocks and minimize damage.
- **Apacer Data Manager Software** - Ensure data integrity by one-way/two-way quick backup and easy synchronization.

Model	AC732	AC731	AC633
Capacity	1TB/2TB/4TB/5TB	1TB/2TB	1TB/2TB/4TB/5TB
Interface	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0
Color	Black	Black	Blue
Material	Aluminum, Plastic	Rubber, Plastic	Rubber, Plastic
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)138.60 x (W)94.00 x (H)23.50	(L)141.00 x (W)88.00 x (H)18.40	1TB/2TB : (L)139.50 x (W)88.36 x (H)21.60 4TB/5TB : (L)140.00 x (W)89.37 x (H)27.40
Weight	1TB/2TB : 320g, 4TB/5TB : 420g	238g	1TB/2TB : 269g, 4TB/5TB : 374g
Warranty	3 years	3 years	3 years
Features	Pressure Resistant, Shockproof, IP68	Anti-vibration, IP68	Anti-vibration, IP55

Model	AC631	AC630
Capacity	1TB/2TB	1TB/2TB
Interface	USB 3.2 Gen1(USB 3.0) ; backward compatible with USB 2.0	USB 3.2 Gen1(USB 3.0) ; backward compatible with USB 2.0
Color	Black	Black
Material	Rubber, Plastic	Rubber, Plastic
Connector	USB-A	USB-A
Dimensions (mm)	(L)152.96 x (W)93.00 x (H)21.00	(L)143.30 x (W)92.90 x (H)20.10
Weight	263g (with cable)	250g (with cable)
Warranty	3 years	3 years
Features	Shockproof IP55 Cable Carry	IP55 Cable Carry

Classic Portable Hard Drive

Features

- **Multiple Colors and Capacities to Choose** - Offer three colors and up to 4TB to meet users' demands.
- **LED Indicator** - Dual-color LED Light clearly identifies drive's current mode of operation.
- **Apacer Data Manager Software** - Ensure data integrity by one-way/two-way quick backup and easy synchronization.

Model	AC533	AC532
Capacity	1TB/2TB/4TB/5TB	1TB/2TB
Interface	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0
Color	Black/Red/Blue : 1TB/2TB Black : 4TB/5TB	Black/White
Material	Rubber, Plastic	Plastic
Connector	USB-A	USB-A
Dimensions (mm)	1TB/2TB : (L)133.45 x (W)79.40 x (H)17.20 4TB/5TB : (L)133.45 x (W)79.40 x (H)25.20	(L)132.40 x (W)82.00 x (H)16.10
Weight	1TB/2TB : 175.25g ; 4TB/5TB : 282g	190g
Warranty	3 years	3 years
Features	Shockproof LED	Shockproof Anti-vibration LED

Model	AC237	AC236
Capacity	1TB/2TB/4TB/5TB	1TB/2TB/4TB/5TB
Interface	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0
Color	Black/Red/Blue : 1TB/2TB Black : 4TB/5TB	Black/Red/Blue/Yellow : 1TB/2TB Black : 4TB/5TB
Material	Plastic	Plastic
Connector	USB-A	USB-A
Dimensions (mm)	1TB/2TB : (L)128.50 x (W)79.40 x (H)12.20 4TB/5TB : (L)128.50 x (W)79.40 x (H)20.20	1TB/2TB : (L)128.5 x (W)79.40 x (H)10.80 4TB/5TB : (L)128.5 x (W)79.40 x (H)19.20
Weight	1TB/2TB : 138.85g ; 4TB/5TB : 247.4g	1TB/2TB : 139.5g ; 4TB/5TB : 235g
Warranty	3 years	3 years
Features	LED	Ultra Slim

Model	AC236 ECO
Capacity	1TB/2TB
Interface	USB 3.2 Gen1 (USB 3.0) ; backward compatible with USB 2.0
Color	Jelly green
Material	PCR 100%
Connector	USB-A
Dimensions (mm)	(L)128.50 x (W)79.40 x (H)10.80
Weight	139.5g
Warranty	3 years
Features	PCR 100% Ultra Slim

SD Card

Features

- **Complies with SD Association** - Ensure compatibility and stable performance with multiple applications.
- **Write Protect (SDXC UHS-II U3 V90)** - Shield your SD card from unauthorized or unintended changes.
- **ECC Engine (SDXC UHS-II U3 V90)** - Ensure reliable data integrity with error detection and correction.

Model	SDXC UHS-II U3 V90	SDXC/SDHC UHS-I U3 V30 R100	SDXC/SDHC UHS-I U1 Class 10
Capacity	64GB/128GB/256GB/512GB	32GB/64GB/128GB/256GB	16GB/32GB/64GB
Standard	SD5.1 UHS-II	SD5.0 UHS-I	SD3.0 UHS-I
Speed Class	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V90	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V30	UHS Speed : Class 1 Speed Class : Class 10
Sequential Read/Write (MB/s) (Max)*	290/260	100/80	100/25
Dimensions (mm)	(L)24.00 x (W)32.00 x (H)2.10	(L)24.00 x (W)32.00 x (H)2.10	(L)24.00 x (W)32.00 x (H)2.10
Warranty	5 years limited	5 years limited	5 years limited
Applications	Camera Recorder	Camera Recorder	Camera

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

microSD Card

Features

- **Complies with SD Association** - Ensure smooth integration compatibility and stable performance with multiple applications.
- **Waterproof, Anti-drop, Anti-magnetic, and Anti-X-ray** - Protect precious data in demanding environments.

Model	microSD Express	High Endurance microSDHC/SDXC
Capacity	128GB/256GB/512GB	32GB/64GB/128GB/256GB
Standard	SD7.1 UHS-I	SD5.1 UHS-I
Speed Class	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V30 Application Performance Class : A1	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V30
Sequential Read/Write (MB/s) (Max)*	810/700	100/80
Dimensions (mm)	(L)15.00 x (W)11.00 x (H)1.00	(L)15.00 x (W)11.00 x (H)1.00
Warranty	5 years limited	3 years limited
Applications	Handheld GoPro Drone	Dashcam Surveillance GoPro

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

Model	microSDXC UHS-I U3 V30 A2	microSDXC UHS-I U3 V30 A1 Gaming Card	microSDXC/SDHC UHS-I U1 V10 A1 R100
Capacity	64GB/128GB/256GB/ 512GB/1TB/2TB	64GB/128GB/256GB/512GB	32GB/64GB/128GB/256GB
Standard	SD6.1 UHS-I	SD5.1 UHS-I	SD5.1 UHS-I
Speed Class	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V30 Application Performance Class : A2	UHS Speed : Class 3 Speed Class : Class 10 Video Speed Class : V30 Application Performance Class : A1	UHS Speed: Class 1 Video Speed: Class 10 Application Performance Class : A1
Sequential Read/Write (MB/s) (Max)*	100/80	100/80	100/25
Dimensions (mm)	(L)15.00 x (W)11.00 x (H)1.00	(L)15.00 x (W)11.00 x (H)1.00	(L)15.00 x (W)11.00 x (H)1.00
Warranty	5 years limited	5 years limited	5 years limited
Applications	Mobile Phone GoPro Drone	Handheld	Camera Mobile Phone

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

USB Flash Drive

Features

- **Various Styles and Types for Choice** - Dual connector, super mini, capless, pen cap USB to meet various demand.
- **COB (Chip on Board) Technology** - The super-mini USB features a multi-proof design, offering waterproof, dustproof, and shockproof protection to safeguard users' valuable data.

Model	AH181	AH15J	AH155
Capacity	32GB/64GB/128GB	32GB/64GB/128GB	32GB/64GB/128GB
Interface	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0
Color	Silver	Red	Blue
Material	Metal	Metal	Metal
System Supported	- Windows 11/10/8.1/8 - macOS 10.9.X or above - Linux Kernel 3.0.X or above - Android 5.0 or above (For USB-C ready mobile devices and must support OTG function)	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	Dual connectors: USB-A and USB-C	USB-A	USB-A
Dimensions (mm)	(L)33.20 x (W)12.40 x (H)7.10	(L)32.40 x (W)12.00 x (H)4.50	(L)24.30 x (W)12.00 x (H)4.50
Weight	7.03g	3.5g	2.4g
Warranty	5 years limited	5 years limited	5 years limited
Features	Dual interface, 360° Swivel, Strap Hole	Super-mini, Strap Hole	Super-mini, Strap Hole

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

Model	AH11J	AH112	AH111
Capacity	32GB/64GB	32GB/64GB	32GB/64GB
Interface	USB 2.0	USB 2.0	USB 2.0
Color	Green	Red	Crystal/Blue
Material	Metal	Metal	Metal
System Supported	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)32.40 x (W)12.00 x (H)4.50	(L)24.30 x (W)12.00 x (H)4.50	(L)24.70 x (W)12.20 x (H)4.60
Weight	3.5g	2.5g	2.5g
Warranty	5 years limited	5 years limited	5 years limited
Features	Super-mini Strap Hole	Super-mini Strap Hole	Super-mini Strap Hole

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

Model	AH357	AH356	AH350
Capacity	32GB/64GB/128GB	32GB/64GB	32GB/64GB/128GB
Interface	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0
Color	Blue	Black	Black
Material	Plastic	Plastic	Plastic
System Supported	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)55.50 x (W)17.10 x (H)11.00	(L)53.90 x (W)20.90 x (H)8.80	(L)53.40x (W)23.20 x (H)7.50
Weight	7.7g	8.5g	8g
Warranty	5 years limited	5 years limited	5 years limited
Features	Capless, Strap Hole, 360° Swivel	Capless, Strap Hole	Capless, Sliding Push Key

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

Model	AH335	AH334	AH355
Capacity	32GB/64GB	32GB/64GB	32GB/64GB/128GB/ 256GB/512GB
Interface	USB 2.0	USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0
Color	Green	Blue/Pink	Black
Material	Plastic	Plastic	Plastic
System Supported	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)55.50 x (W)17.10 x (H)11.00	(L)53.90 x (W)20.90 x (H)8.80	(L)56.05 x (W)18.00 x (H)8.50
Weight	7.5g	8.5g	7.8g
Warranty	5 years limited	5 years limited	5 years limited
Features	Capless, Strap Hole, 360° Swivel	Capless, Strap Hole, Retractable USB	Pen Cap, Strap Hole

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

Model	AH353	AH336	AH333
Capacity	32GB/64GB/128GB	32GB/64GB	32GB/64GB
Interface	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 2.0	USB 2.0
Color	Champagne gold	Black/White	Black/White
Material	Plastic	Plastic	Plastic
System Supported	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)59.00 x (W)18.40 x (H)9.10	(L)59.90 x (W)19.30 x (H)8.50	(L)56.05 x (W)18.00 x (H)8.50
Weight	10g	8.3g	7.8g
Warranty	5 years limited	5 years limited	5 years limited
Features	Pen Cap, Strap Hole	Pen Cap, Strap Hole	Pen Cap

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

Model	AH270 ECO	AH25C	AH25B
Capacity	64GB/128GB	32GB/64GB/128GB/256GB	32GB/64GB/128GB/256GB
Interface	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0	USB 3.2 Gen1 (5Gb/s)*, backward compatible with USB 2.0
Color	Jelly green	Blue/Bronze	Black/Red
Material	PCR 100%	Plastic	Plastic
System Supported	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above	- Windows 11/10/8.1/8 - macOS 10.6.X or above - Linux Kernel 2.6.X or above
Connector	USB-A	USB-A	USB-A
Dimensions (mm)	(L)58.10 x (W)17.10 x (H)12.20	(L)51.50 x (W)18.50 x (H)8.20	(L)52.70 x (W)17.00 x (H)8.20
Weight	5.8g	6.7g	7g
Warranty	5 years limited	5 years limited	5 years limited
Features	PCR 100% Pen Cap Strap Hole	Pen Cap	Pen Cap

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

UDIMM

Features

- **JEDEC-compliant Design** - Ensures seamless compatibility in purpose-built systems.
- **Power Management IC (PMIC) (DDR5 Voltage: 1.1V)** - Efficiently regulates system power load, ensuring stable and reliable power delivery.

DDR5 UDIMM

DDR4 UDIMM

Model	PC5-44800	PC5-38400	PC4-25600	PC4-21300
Form Factor	DDR5 UDIMM	DDR5 UDIMM	DDR4 UDIMM	DDR4 UDIMM
Capacity	8GB/16GB/32GB	8GB/16GB/32GB	8GB/16GB/32GB	4GB/8GB/16GB/32GB
Frequency (MT/s)	5600	4800	3200	2666
Voltage	1.1V	1.1V	1.2V	1.2V
CL Timing	CL46	CL40	CL22	CL19
Pin	288-Pin	288-Pin	288-Pin	288-Pin

DDR4 UDIMM

DDR3 UDIMM

Model	PC4-19200	PC4-17000	PC3-12800	PC3-10600
Form Factor	DDR4 UDIMM	DDR4 UDIMM	DDR3 UDIMM	DDR3 UDIMM
Capacity	4GB/8GB/16GB	4GB/8GB/16GB	2GB/4GB/8GB	2GB/4GB/8GB
Frequency (MT/s)	2400	2133	1600	1333
Voltage	1.2V	1.2V	1.35V/1.5V	1.35V/1.5V
CL Timing	CL17	CL15	CL11	CL11
Pin	288-Pin	288-Pin	240-Pin	240-Pin

SODIMM

Features

- **JEDEC-compliant Design** - Ensures seamless compatibility in purpose-built systems.
- **Power Management IC (PMIC) (DDR5 Voltage: 1.1V)** - Efficiently regulates system power load, ensuring stable and reliable power delivery.

DDR5 SODIMM

DDR4 SODIMM

Model	PC5-44800	PC5-38400	PC4-25600	PC4-21300
Form Factor	DDR5 SODIMM	DDR5 SODIMM	DDR4 SODIMM	DDR4 SODIMM
Capacity	8GB/16GB/32GB	8GB/16GB/32GB	8GB/16GB/32GB	4GB/8GB/16GB/32GB
Frequency (MT/s)	5600	4800	3200	2666
Voltage	1.1V	1.1V	1.2V	1.2V
CL Timing	CL46	CL40	CL22	CL19
Pin	262-Pin	262-Pin	260-Pin	260-Pin

DDR4 SODIMM

DDR3 SODIMM

Model	PC4-19200	PC4-17000	PC3-12800	PC3-10600
Form Factor	DDR4 SODIMM	DDR4 SODIMM	DDR3 SODIMM	DDR3 SODIMM
Capacity	4GB/8GB/16GB	4GB/8GB/16GB	2GB/4GB/8GB	2GB/4GB/8GB
Frequency (MT/s)	2400	2133	1600	1333
Voltage	1.2V	1.2V	1.35V/1.5V	1.35V/1.5V
CL Timing	CL17	CL15	CL11	CL11
Pin	260-Pin	260-Pin	204-Pin	204-Pin

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Take your gaming experience to the next level with Apacer gaming modules.

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Gaming Products

Features

- **JEDEC-Compliant Design** - Ensures seamless compatibility purpose-built systems.
- **Power Management IC (PMIC) (DDR5 Voltage: 1.1V)** - Efficiently regulates system power load, ensuring stable and reliable power delivery.
- **Ultra-wide Angle RGB Lighting Diffuser and Synchronization Certification** - Enable users to effortlessly customize patterns that showcase their unique personalities.
- **Easily Overclocking** - Enhance users experience with Intel® XMP support.

NOX RGB DDR5

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC5-64000	DDR5 UDIMM	16GB	32GB	8000MHz	1.45V	38-48-48-84	288-Pin
PC5-60800	DDR5 UDIMM	16GB	32GB	7600MHz	1.45V	36-48-48-84	288-Pin
PC5-57600	DDR5 UDIMM	16GB	32GB	7200MHz	1.45V	34-42-42-84	288-Pin
PC5-54400	DDR5 UDIMM	16GB	32GB	6800MHz	1.4V	36-46-46-84	288-Pin
PC5-51200	DDR5 UDIMM	16GB/32GB	32GB/64GB	6400MHz	1.4V	32-39-39-84 36-48-48-104	288-Pin
PC5-49600	DDR5 UDIMM	16GB/32GB	32GB/64GB	6200MHz	1.35V	40-40-40-76	288-Pin
PC5-48000	DDR5 UDIMM	16GB/32GB	32GB/64GB	6000MHz	1.35V	38-48-48-96	288-Pin
PC5-44800	DDR5 UDIMM	16GB/32GB	32GB/64GB	5600MHz	1.25V	40-40-40-80	288-Pin
PC5-41600	DDR5 UDIMM	16GB/32GB	32GB/64GB	5200MHz	1.25V	40-40-40-80	288-Pin

NOX TUF DDR5

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC5-54400	DDR5 UDIMM	16GB	32GB	6800MHz	1.4V	36-46-46-84	288-Pin
PC5-51200	DDR5 UDIMM	16GB/32GB	32GB/64GB	6400MHz	1.4V	32-39-39-84 36-48-48-104	288-Pin
PC5-49600	DDR5 UDIMM	16GB/32GB	32GB/64GB	6200MHz	1.35V	40-40-40-76	288-Pin
PC5-48000	DDR5 UDIMM	16GB/32GB	32GB/64GB	6000MHz	1.35V	38-48-48-96	288-Pin
PC5-44800	DDR5 UDIMM	16GB/32GB	32GB/64GB	5600MHz	1.25V	40-40-40-80	288-Pin
PC5-41600	DDR5 UDIMM	16GB/32GB	32GB/64GB	5200MHz	1.25V	40-40-40-80	288-Pin

NOX DDR5

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC5-54400	DDR5 UDIMM	16GB	32GB	6800MHz	1.4V	36-46-46-84	288-Pin
PC5-51200	DDR5 UDIMM	16GB/32GB	32GB/64GB	6400MHz	1.4V	32-39-39-84 36-48-48-104	288-Pin
PC5-49600	DDR5 UDIMM	16GB/32GB	32GB/64GB	6200MHz	1.35V	40-40-40-76	288-Pin
PC5-48000	DDR5 UDIMM	16GB/32GB	32GB/64GB	6000MHz	1.35V	38-48-48-96	288-Pin
PC5-44800	DDR5 UDIMM	8GB/16GB/32GB	16G/32GB/64GB	5600MHz	1.25V	40-40-40-80	288-Pin
PC5-41600	DDR5 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	5200MHz	1.25V	40-40-40-80	288-Pin

PANTHER RGB DDR5

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC5-54400	DDR5 UDIMM	16GB	32GB	6800MHz	1.4V	36-46-46-84	288-Pin
PC5-51200	DDR5 UDIMM	16GB/32GB	32GB/64GB	6400MHz	1.4V	32-39-39-84 36-48-48-104	288-Pin
PC5-49600	DDR5 UDIMM	16GB/32GB	32GB/64GB	6200MHz	1.35V	40-40-40-76	288-Pin
PC5-48000	DDR5 UDIMM	16GB/32GB	32GB/64GB	6000MHz	1.35V	38-48-48-96	288-Pin
PC5-44800	DDR5 UDIMM	16GB/32GB	32GB/64GB	5600MHz	1.25V	40-40-40-80	288-Pin
PC5-41600	DDR5 UDIMM	16GB/32GB	32GB/64GB	5200MHz	1.25V	40-40-40-80	288-Pin

PANTHER DDR5

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC5-54400	DDR5 UDIMM	16GB	32GB	6800MHz	1.4V	36-46-46-84	288-Pin
PC5-51200	DDR5 UDIMM	16GB/32GB	32GB/64GB	6400MHz	1.4V	32-39-39-84 36-48-48-104	288-Pin
PC5-49600	DDR5 UDIMM	16GB/32GB	32GB/64GB	6200MHz	1.35V	40-40-40-76	288-Pin
PC5-48000	DDR5 UDIMM	16GB/32GB	32GB/64GB	6000MHz	1.35V	38-48-48-96	288-Pin
PC5-44800	DDR5 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	5600MHz	1.25V	40-40-40-80	288-Pin
PC5-41600	DDR5 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	5200MHz	1.25V	40-40-40-80	288-Pin

NOX RGB DDR4

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC4-28800	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3600MHz	1.35V	18-22-22-38	288-Pin
PC4-25600	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3200MHz	1.35V	16-20-20-38	288-Pin
PC4-24000	DDR4 UDIMM	8GB/16GB	16GB/32GB	3000MHz	1.35V	16-18-18-38	288-Pin
PC4-21300	DDR4 UDIMM	8GB/16GB	16GB/32GB	2666MHz	1.2V	16-18-18-38	288-Pin

NOX DDR4

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC4-28800	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3600MHz	1.35V	18-22-22-38	288-Pin
PC4-25600	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3200MHz	1.35V	16-20-20-38	288-Pin
PC4-24000	DDR4 UDIMM	8GB/16GB	16GB/32GB	3000MHz	1.35V	16-18-18-38	288-Pin
PC4-21300	DDR4 UDIMM	8GB/16GB	16GB/32GB	2666MHz	1.2V	16-18-18-38	288-Pin

NOX DDR4

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC4-25600	DDR4 SODIMM	8GB/16GB	16GB/32GB	3200MHz	1.35V	20-22-22-38	260-Pin
PC4-24000	DDR4 SODIMM	8GB/16GB	16GB/32GB	3000MHz	1.35V	18-20-20-38	260-Pin
PC4-21300	DDR4 SODIMM	8GB/16GB	16GB/32GB	2666MHz	1.2V	18-18-18-38	260-Pin

PANTHER Golden DDR4

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC4-28800	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3600MHz	1.35V	18-22-22-38	288-Pin
PC4-25600	DDR4 UDIMM	8GB/16GB/32GB	16GB/32GB/64GB	3200MHz	1.35V	16-20-20-38	288-Pin
PC4-24000	DDR4 UDIMM	8GB/16GB	16GB/32GB	3000MHz	1.35V	16-18-18-38	288-Pin
PC4-21300	DDR4 UDIMM	8GB/16GB	16GB/32GB	2666MHz	1.2V	16-18-18-38	288-Pin

TEX DDR4

Model	Form Factor	Capacity		Frequency (MT/s)	Voltage	CL Timing	PIN
		Single Package	Dual Package				
PC4-25600	DDR4 UDIMM	8G/16GB/32GB	-	3200MHz	1.35V	16-20-20-38	288-Pin
PC4-24000	DDR4 UDIMM	8G/16GB	-	3000MHz	1.35V	16-18-18-38	288-Pin
PC4-21300	DDR4 UDIMM	8G/16GB	-	2666MHz	1.2V	16-18-18-38	288-Pin

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