Lexar





www.lexar.com

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Gen 5

Gen 4

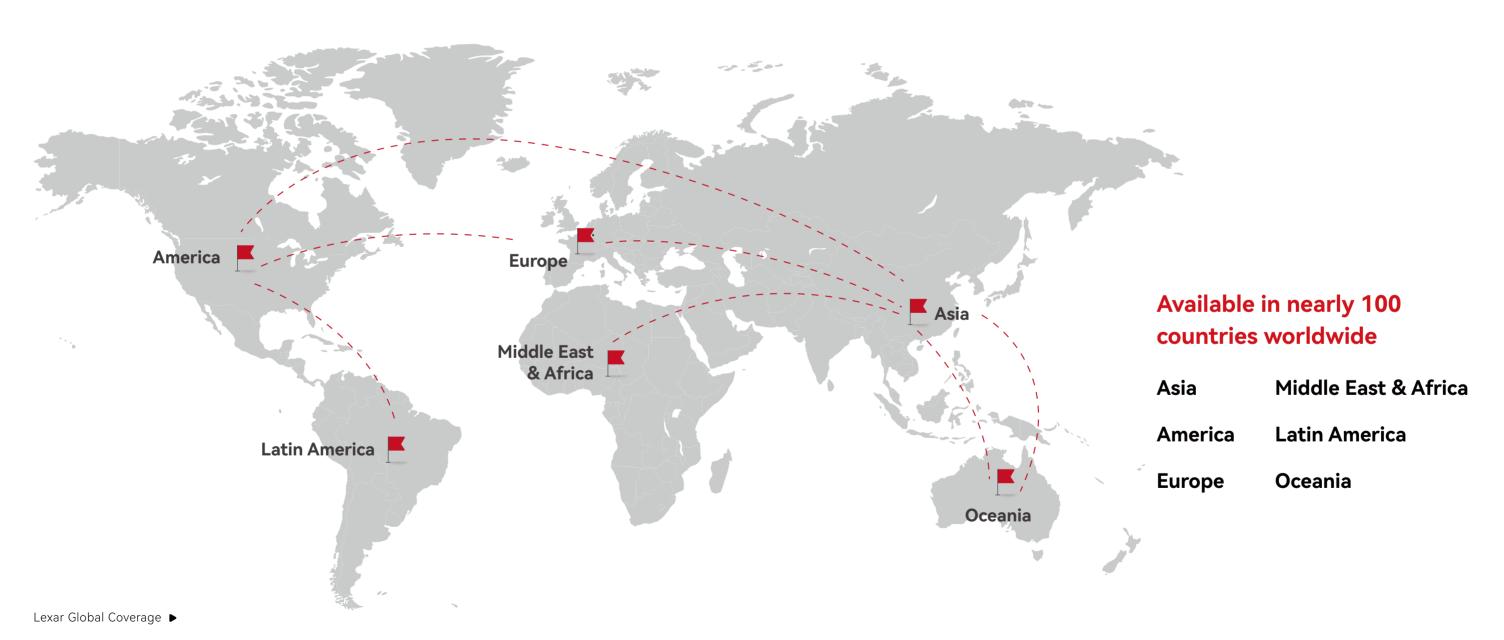
Live For The Memory Born Out of Innovation Every masterpiece begins with a spark of creativity. We're here to help turn moments into memories and memories into greatness. Lexar Ambassador, China – **Di Lu**



Lexar

Founded in 1996 in California, USA, Lexar has spent over 20 years specializing in consumer storage. We offer a full range of storage products, backed by vertically integrated manufacturing and strong R&D capabilities. With global sales channels across six continents, we serve hundreds of millions of users worldwide. With this dedication to performance, reliability, and support, you can count on Lexar when it comes to storing the memories that matter.





Comprehensive Industry Chain

Strategic Deployment of R&D and Supply Chain

Backed by a robust global supply chain, Lexar offers comprehensive vertical integration and strong R&D capabilities to deliver higher-quality products and services to consumers.

PACKAGING AND TESTING MANUFACTURING BASE



Storage Packaging and Testing Factory
Suzhou, China

STORAGE INDUSTRIAL PARK



Data Center Zhongshan, China

SOUTH AMERICA MANUFACTURING OPERATIONS CENTER



Storage Packaging and Testing Factory
Atibaia, Brazil



Storage Module Factory Manaus, Brazil

Note: All the above facilities are owned by Lexar's parent company, Longsys Group.

Core Member of Industry Associations

As a core member, Lexar jointly creates industry standards.

Executive Member of the CompactFlash Association (CFA)



Board Member of the SD Association (SDA)



Co-founder of the Intelligent Terminal Memory Association (ITMA)



In-House Controller Development

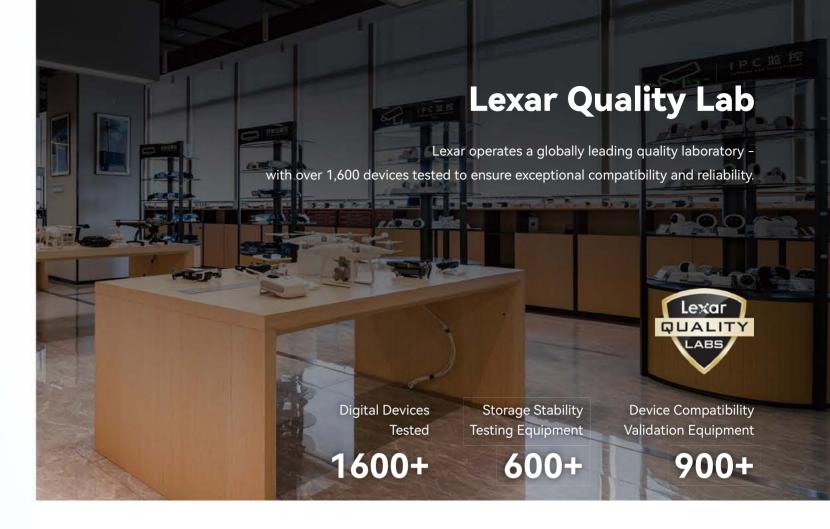
The controller acts as the brain of a storage device. Our self-developed controller delivers enhanced performance, lower power consumption, advanced features, and improved data security.



Industry-Leading Independent Firmware Capabilities

Self-developed firmware platform powered by advanced algorithms and architecture, delivering a significantly enhanced storage experience.





PROFESSIONAL DIGITAL DEVICES

CAMERAS

3

DRONES

00

ACTION CAMERAS 6.0

DSLRS AND DIGITAL CAMERAS

MOBILE PHONES

CARD READE

. 7

GAMING CONSOLES

DESKTOP / LAPTOP / TABLET PCS

TESTING ITEMS

COMPATIBILITY

STABILITY

O FUNCTIONALITY

RELIABILITY

O ENVIRONMENTAL TESTING

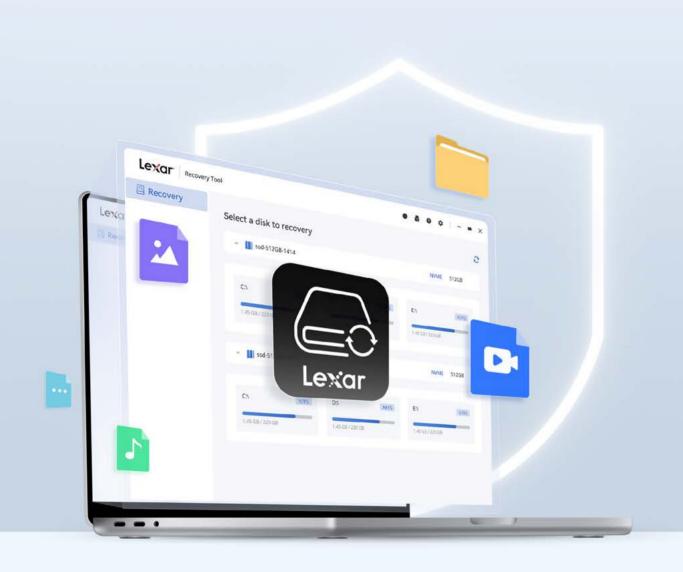
O HIGH-SPEED SIGNAL PERFORMANCE

Lexar has established long-term partnerships with leading global brands across the digital, technology, and automotive industries. Through rigorous testing, we ensure outstanding compatibility and reliability — earning widespread recognition and official endorsements from top brands.

Note: The controller chips and firmware mentioned above are independently developed by Lexar's parent company, Longsys Group.

Lexar Recovery Tool

Enjoy free access and seamless data protection









Accidental Formatting



Partition Loss



File System Corruption

Global Awards

2024 Forbes China Globalization Leading Brands Top 30





















DGP IMAGING 2024 Technology / Planning Award & Gold Award







BLG'S OFFICIAL EXCLUSIVE STORAGE BRAND

Double Champion

2024 LPL Spring & Summer Splits

NO.1

League of Legends 2024 Global Power Rankings

World Runner-Up

2024 Mid-Season Invitational (MSI) and the 2024 League of Legends World Championship



*Note: Data was last collected in December 2024. BLG official team information was updated in May 2025



Professional Photographers' Pick

Lexar® Professional CFexpress™ 4.0 Card



Unmatched CFexpress 4.0 Performance

Lexar® Professional DIAMOND CFexpress™ 4.0 Type B Card

128GB 256GB 512GB 1TB





Executive Member of CFA

As a key member of the CompactFlash* Association (CFA), Lexar plays an active role in developing CF, CFast, and CFexpress standards, striving to enhance product standardization and deliver memory cards that ensure superior stability and compatibility for consumers.







Pro CFexpress 4.0 -Performance for Professional Photography

Lexar® Professional GOLD CFexpress™ 4.0 Type B / Type A card

Type B: 512GB 1TB 2TB 4TB Type A: 640GB 1TB



Impressive Pro Performance

PCle 4.0 technology delivers 3600MB/s* max read and 3300MB/s* max write speeds to capture vibrant, fastaction shots and to ensure you power through postproduction.

3600MB/s READ SPEED

3300MB/s

Made for Sony Camera **Professionals**

Designed for Sony camera users, this card is the ideal choice for cinematic-grade creative work. It leverages next-generation PCle 4.0 technology to deliver ultrafast read and write speeds—perfect for capturing vibrant, fast-action shots and powering seamless post-productio

UP TO

1800MB/s

1650MB/s



8K RAW Video Capture

Capture exceptional 8K RAW video without dropped frames with the Lexar Professional GOLD CFexpress 4.0 Type B Card.

Designed for commercial creators, it delivers sustained write speeds of up to 3000MB/s*, ensuring seamless and reliable recording for all your creative projects.



VPG400 Certified

Supported by the rigorous VPG400 certification from CFA, this card provides superior smoothness and stability for professional-grade cinema video

Performance for Everyone

Lexar® Professional SILVER **CFexpress™ 4.0 Type B card**



Professional-level Performance

PCle 4.0 technology delivers a max read speed of 3600MB/s*, max write speed of 3000MB/s*, and a sustained write speed of 2600MB/s.



Boost Workflow Efficiency

Pair the card with the Lexar Professional Workflow CFexpress™ 4.0 Type B Card Reader to accelerate your productivity and maximize efficiency to twice as fast as CFexpress 2.0.



Durability Is Built In

A rugged design ensures this card is temperatureproof, vibration-resistant, 12,000x wear-out resistant, dust-resistant (IP5X), 5m drop-proof, shock-resistant, bend-resistant, and 7x more compression-resistant than SD cards.







Professional-level Performance You Can Trust

Lexar® Professional 2000x SDXC™ UHS-II Card GOLD Series

64GB 128GB 256GB 512GB



Speed Empowers Creativity

Lexar® Professional 1800x SDXC™ UHS-II Card GOLD Series

64GB 128GB 256GB 512GB 1TB





V90 Video Speed Class Smooth 4K and 8K Cinema-Quality Recording

With V90 performance, this card guarantees a minimum sustained write speed of 90MB/s*, ensuring smooth capture of 8K and 4K video without frame drops—perfect for professional content creators.



Dramatically Accelerate Your Workflow

Lexar Professional 2000x SD cards GOLD Series offer super-fast speeds of up to 300MB/s* read, dramatically accelerating your workflow from start to finish. With write speeds of up to 260MB/s*, handle sequential burst mode and RAW plus JPEG effortlessly, so you never miss a shot.



300MB/s³

260MB/s*





Ideal for Advanced Photography

Supports SD 4.0 protocol, offering read speeds of up to 280MB/s* and write speeds of up to 205MB/s*. Capable of capturing and transferring high-quality images and 4K Ultra HD video. The high-speed performance ensures an exceptional shooting experience.



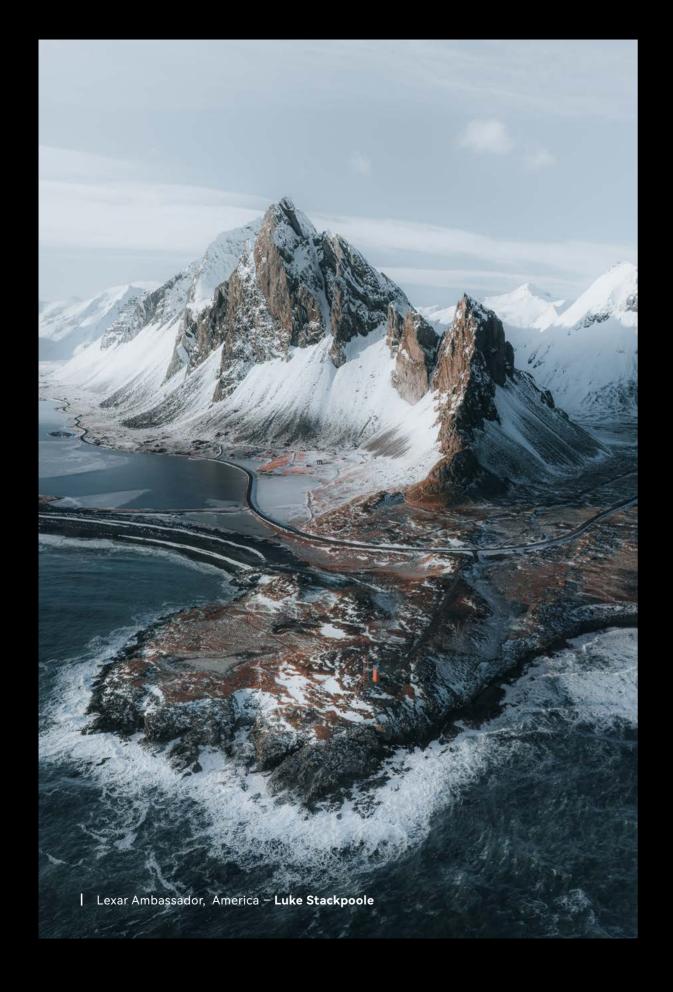
Wide Compatibility Trusted by Leading Camera Brands

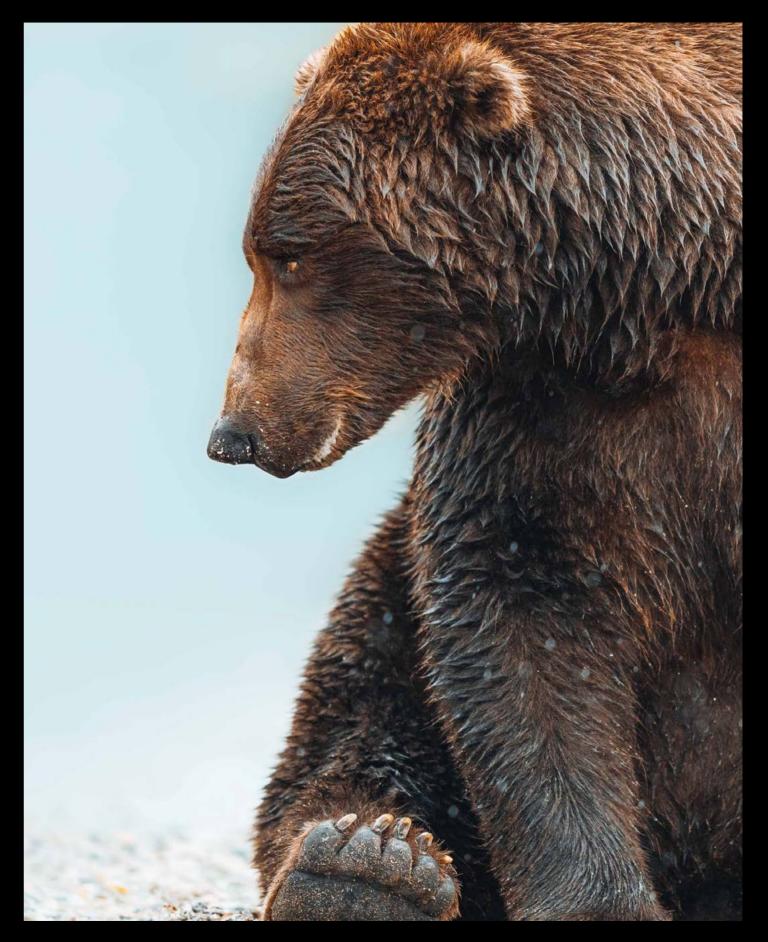
Designed for use with professional cameras, delivering exceptional photo and video performance — officially recommended by multiple top camera brands.



V60 Rated for Video Smooth 4K Video Recording

With V60 video speed, you can shoot seamless 4K video and high-res content with confidence. Supports RAW + JPEG burst mode, so you never miss a moment—whether you're shooting or editing.







The World's First Steel SD Card

The Lexar ARMOR SD card is the first in the world to feature a stainless-steel design—delivering enhanced strength, superior wear resistance, and better heat dissipation for tough shooting environments.



Tough Protection, Anywhere

IP68-rated and drop-tested from 5 meters, the ARMOR SD card keeps your data safe in harsh weather and accidental drops.











37X Stronger than Standard SD Cards

Frequent insertions, accidental drops, or impact can easily lead to cracks or damage in standard memory cards, posing a risk of data loss. The ARMOR SD card is built with rugged stainless steel, offering 370N of pressure resistance, as well as superior shock and abrasion protection—significantly reducing the risk of damage.



Lexar® ARMOR GOLD SDXC™ UHS-II Card

Lexar® ARMOR SILVER PRO SDXC™ UHS-II Card

64GB 128GB 256GB 512GB 1TB

Simplified Yet Stronger Design

Built without a fragile write-protect switch, the card also features a ribless design to further prevent breaks, and laser engravings replace manufacturing labels to ensure surface information never wears off.





Built to Last — Trusted by Pros

In addition to its rugged durability in extreme environments, the ARMOR SD card delivers rugged reliability you can count on. It is water-proof, temperature-proof, shockproof, vibration-proof, and X-ray-proof, ensuring dependable quality and performance.











フiヽ UV Proof



Wide

???



Seamlessly Record High-Res 6K Video

Classified with a V60 video recording speed, the ARMOR GOLD SDXC™ UHS-II Card can record up to 6K 30P videos and a write speed of 205MB/s⁺ ensures less lag and no frame drops.

V60 video performance



4K 30P



l Lexar Ambassador, China - Yonghui Wang

Lexar Ambassador, China - Fengwei Qiao



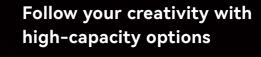




Lexar® Professional SILVER PLUS SDXC™ UHS-I Card

64GB 128GB 256GB 512GB 1TB





With capacities options up to 1TB, you can find a capacity that keeps you shooting longer without changing cards.

Performance When it Counts

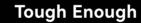
With max read speeds of 205MB/s*, you can power through transfers and make long wait times a thing of the past. Max write speeds of 150MB/s* let you capture burst photos without missing a shot.

Lexar SILVER PLUS SD UHS-I

205_{MB/s*}

SD UHS-I

104_{MB/s*}



Tested for 10,000 insertions and removals, this card is built to withstand water, shock, vibration, magnets, X-rays, and extreme temperatures—ready for any shooting environment.

SILVER PLUS



Smoothly Capture Stunning 4K UHD Video

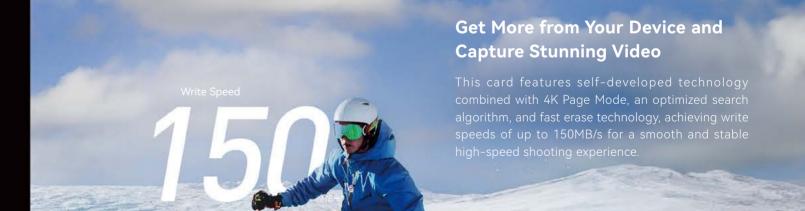
This card captures smooth 4K 60FPS UHD video without lag, featuring self-developed technology that helps reduce bad block occurrences and ensures stunning, stutter-free footage.





When paired with the Lexar RW310X reader, this card can achieve read speeds of up to 205MB/s*, enabling fast transfers of high-resolution photos and videos. Backups and exports happen instantly—no more waiting.







Primed to Perform

This card delivers breakthrough performance with read speeds up to 205MB/s* and write speeds up to 150MB/s* using in-house developed controller technology. It surpasses the typical transfer speeds of SD 3.0 standard memory cards, offering significantly faster performance for both read and write operations.

Lexar SILVER PLUS microSD UHS-I

205_{MB/s*}

microSD UHS-I 104MB/s*



Smoothly Capture Stunning 4K UHD Video

This card captures smooth 4K 60FPS UHD video without lag, featuring self-developed technology that helps reduce bad block occurrences and ensures stunning, stutter-free footage.





Extensive Compatibility

Compatible with a wide range of devices including drones, action cameras, gaming consoles and any device with a microSD card slot such as smartphones, tablets, and home monitoring devices.



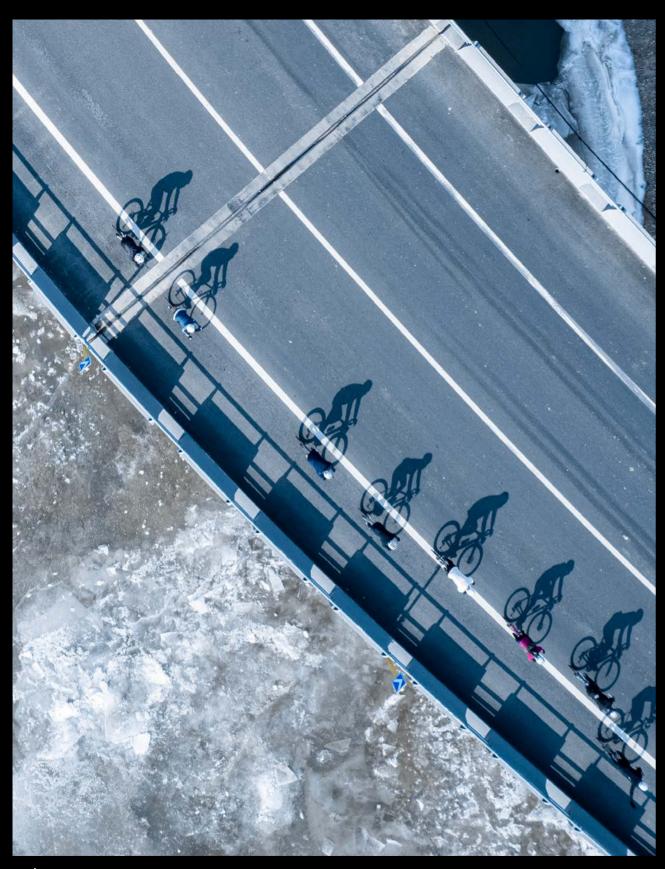
Get the Edge with A2-Rated Performance

This card delivers read speeds of up to 205MB/s* and A2 app performance, enabling faster app launches and quick access to your favorite AAA games—all with smooth, lag-free operation.

Tough Enough

Tested for 10,000 insertions and removals, this card is built to withstand water, shock, vibration, magnets, X-rays, and extreme temperatures—ready for any shooting environment.





l Lexar Ambassador, China - Yi Yao





Power up Your Play

Lexar® PLAY PRO microSDXC™ Express Card

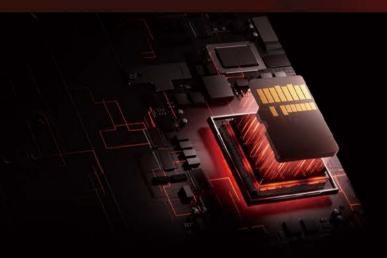
256GB 512GB 1TB





Revolutionary Performance

Powered by PCle and NVMe protocols, SD Express elevates performance from SD 4.0 to SD 7.1 standards. With updates in protocol and innovations in technology, it delivers superior read/write performance—read speeds up to 900MB/s* and write speeds up to 600MB/s*.



Epic Performance for Next-Gen Handhelds Devices

This card is backward compatible with UHS-I host devices, such as the first-generation Switch. It also supports future handheld gaming consoles, delivering stronger, faster gaming experiences and enabling smooth loading of high-resolution graphics in large-scale games.



Tough Enough

Tested for 10,000 insertions and removals, this card is built to withstand water, shock, vibration, magnets, X-rays, and extreme temperatures—ready for any shooting environment.



Massive Capacity up to 1TB

Some of your favorite games are probably pretty big in file size. Well, with up to 1TB capacity, juggling games just got easier. You can fit many games on a 1TB card.

Revolutionary Performance

Thanks to next-gen PCIe and NVMe interface technologies, this card delivers read speeds of up to 900MB/s*— making it up to 4x faster than typical UHS-I microSD cards. That means faster game loading and a smooth, lag-free experience.



Cut Your Download Times

The PLAY PRO microSDXC™ Express Card delivers 600MB/s* write speeds when paired with the Lexar microSD Express card reader, so you can download a AAA game in less time than it'll take you to order a pizza!







Store More, Play More

Lexar® BLUE microSDXC™ UHS-I Card

128GB 256GB 512GB 1TB 2TB





Immense Capacities for Your Favorite Content

With up to 1TB of space, this card gives you the speed and space you need to capture, transfer, store, and share more of what you love.



Get More from Your Device

This card leverage UHS-I technology to deliver a outstanding transfer read speeds of up to 205MB/s and increased write speed up to 140MB/s, reducing shorter download times so you can spend less time waiting and more time playing.



Connect to What You Want Faster

Avoid slow load times with read speeds of up to 205MB/s* and fast A2-rated performance, so you can play more of what you love without missing a beat.



Get More from Your Device

Also great for use with your smartphone or tablet, the cards make it easy to quickly download or save all your favorite media files, including the highest-quality movies, photos, and songs.

Minimize Waiting, Maximize Gaming

Level up your gaming experience with up to 160MB/s* read speeds to ensure rapid loading.



Unlock Limitless Entertainment

With a storage capacity of up to 2TB, this card provides you with the space to store more of your favorite games and content you love.

Get the Edge with A2-Rated Performance



Lexar Ambassador, America - Rory Kramer

Lexar Ambassador, China - Zhong Yun





Lexar Ambassador, America - Emmett Sparling



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Lexar Lexar

Capture, Save, Go

Lexar® Professional Go Portable SSD with Hub

1TB 2TB





Thumb-sized and lightweight perfect for on-the-go storage.



Plug and Shoot Effortless iPhone Filming

Plug it into your iPhone and start recording Briliant 4K ProRes video no cables, no delays.

Unlock Your Creativity

An innovative solution designed for iPhone users





Connect to power supply or accessories



Expand Your iPhone's Potential with a Professional Setup

Equipped with multiple Type-C ports, this modular hub connects power, accessories, smartphones, computers, and portable SSDs—all in one streamlined solution. From data transfer to lighting and charging, it handles every aspect of your professional workflow.

Maximized Performance, Minimized Size

Lexar® SL500 Portable SSD

1TB 2TB 4TB





Compact and Lightweight

Just 4.8mm thin, credit card-sized, and even lighter than Bluetooth earphones.



Sleek, Slim, and **Powerful**

Incredible USB 3.2 Gen 2x2 performance of up to 2000MB/s* read and 1800MB/s* write for fast, efficient file transfers.



Cool and Reliable **Transfers**

Utilizing a single-chip controller, it cuts power usage by 40% and optimizes heat dissipation to ensure smooth data transfers.



Wide Compatibility

COMPUTERS | TABLETS | SMARTPHONES CAMERAS | GAME CONSOLES











iPhone Friendly

Slim aluminum design that magnetically attaches to your iPhone. Record 4K ProRes video directly with iPhone 15 Pro or later—even single-handedly.



Attach and Go!

Comes with a magnetic and protective sleeve, an additional ring, and a wrist strap for easy, secure attachment to your device.







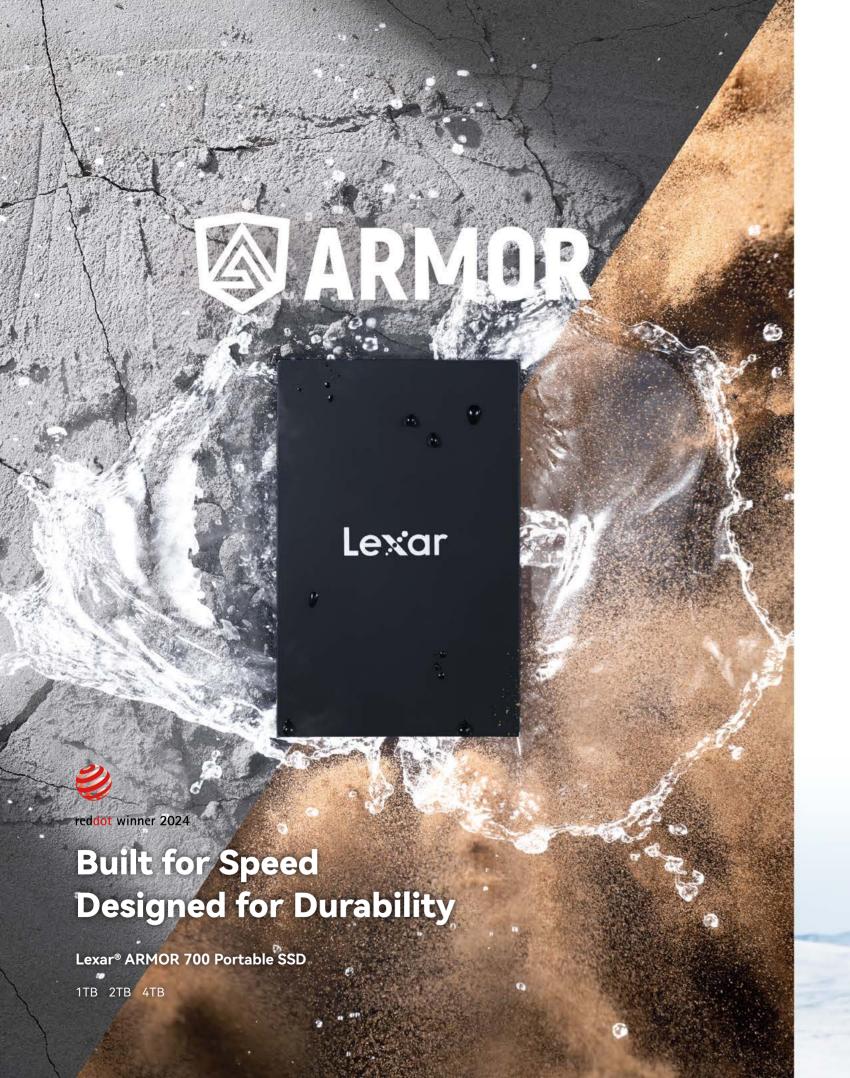
Supports Apple ProRes Recording

Blazing-fast write speeds of up to 1800MB/s* let you store and transfer large files directly to the drive while shooting.

2000MB/s READ SPEED

1800MB/s^{*} WRITE SPEED





Rated IP66 — the Rugged Design that **Built for the Outdoors**



Water-Resistant

Dust-Resistant

3M Drop-Resistant



Powerful USB 3.2 Gen 2x2 **Performance**

With speeds up to 2000MB/s, this drive lets you transfer faster and create more.

Designed for the Outdoors

IP66-rated for water and dust resistance, with a rugged design that withstands 3-meter drops—ideal for outdoor and extreme use.









9.5X Faster than HDDs*

With up to 1050MB/s* read and 1000MB/s* write, the SSD delivers significantly faster transfers for better productivity.





Ideal for Work and Daily Use

Easy Plug-and-play. Compatible with a wide range of devices—easily transfer files between computers, smartphones, and tablets.



Lightweight and Easy to Carry

Weighing roughly 45g, it fits comfortably in the palm of your hand or in your pocket—convenient to take anywhere.

Move your Files with Style and Speed

JumpDrive® M900 USB 3.2 Gen 1 Flash Drive

64GB 128GB 256GB

400MB/s*

High-speed performance with a push-button retractable design



2-in-1 Flash Drive for Your USB Type-C and Type-A Devices

JumpDrive® Dual Drive D400 USB 3.2 Gen 1 Type-C Flash Drive

32GB 64GB 128GB 256GB



Dual USB Type-C/A Connectors

Compatible with a wide range of devices including smartphones, computers, and tablets.



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Fast Backups to Maximize Efficiency

Lexar® Professional NM1090 PRO PCIe 5.0 NVMe M.2 2280 SSD

1TB 2TB 4TB

Accelerate Load Times

Experience blistering read / write speeds up to 14,000MB/s* / 13,000MB/s* thanks to a combination of PCle 5.0 technology and next-gen 3D TLC NAND. Pair with AMD Ryzen or Intel i9 for a next-level game experience.





Perfect Internal SSD for AI PCs

The NM1090 PRO SSD deliver superior performance to reduce bottlenecks and accelerate AI model training, inferencing, and real-time data processing.

14000 MB/s*

Advanced Thermal Control Design

A powerful 6nm controller optimizes heat control for a smoother experience and more efficient performance. At high performance loads, the NM1090 PRO SSD's peak temperatures are 38%* lower compared to a competitor using a 12nm controller.







Temperature Comparison
After 30 Minutes of BIT Operation
vs. Other Gen 5 SSDs

Compatible with Microsoft DirectStorage

Built to leverage Microsoft DirectStorage and significantly boost game loads, minimize delays, conserve CPU power, and enrich the gaming experience.



Easy Drive Management

The Lexar DiskMaster SSD Management tool allows you to perform firmware updates that enhance the drive's reliability, manage drive data, securely erase private files, and monitor drive health to detect potential issues.



rmware pgrade



Health



Performance

Data ecurity





Lexar® NM990 M.2 2280 PCle 5.0 NVMe SSD

1TB 2TB 4TB

Lexion Lexitor and a state of the state of t

LIDTO

14000MB/s³

SEQUENTIAL READ

UP TO

11000MB/s*

SEQUENTIAL WRITE

UP TO

2,000,000 IOPs

RANDOM READ

UP TO

1,500,000 IOPs

RANDOM WRITE



Thermal Defender Technology

Better power consumption management, an 8-channel controller, graphite heat dissipation decals, plus Thermal Defender technology combine to ensure smoother and more efficient performance.

Lexar Sp. Se. Se.

Cutting-Edge Performance

PCle 5.0 interface delivers electrifying sequential read speeds up to 14,000MB/s* – 2x faster than a typical Gen 4 SSD*. This exceptional performance is perfect for serious gamers and professional rendering.

Works with Microsoft DirectStorage

Significantly boost game loads, minimize delays, conserve CPU power, and elevate the overall gaming experience.



Slash Wait Times

SLC Dynamic Cache delivers random read/write speeds up to 2000/1500K IOPS to greatly reduce wait times, enhance data transfer speeds, and improve system responsiveness.

Perfect for Work and Play

Lexar® NM790 M.2 2280 PCle Gen 4×4 NVMe SSD

1TB 2TB 4TB 8TB



Incredible Speeds to Get the Job Done

With a blazing 7400MB/s* sequential read, 6500MB/s* sequential write, the NM790 SSD has the performance to put you across the finish line first or easily meet your most demanding deadlines.



It's perfect for professionals needing ample space for

large files and demanding applications.

1,000,000 IOPs

RANDOM READ

Up to 8TB

UP TO

900,000 IOPs

RANDOM WRITE



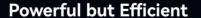
Cool—Even Under High-Pressure Performance

The NM790 SSD with Heatsink features an integrated heatsink to ensure your system stays cool and maintains speed, power efficiency, and thermal control for sustained high-performance when playing on PlayStation* 5 and PCs.



HMB 3.0 and Dynamic SLC Caching

Host Memory Buffer (HMB) 3.0 enables the drive to utilize DRAM memory on your device, and Dynamic SLC cache writes to single-level-cell memory to maintain speed for smooth and seamless performance.



Consuming up to 40% less power consumption than DRAM cache-enabled PCle Gen 4 SSDs, the NM790 SSD not only keeps energy costs down, but also lets you go longer between charges of your laptop battery.







Game-winning Speed

Built to complement your PS5, the PLAY 2280 SSD delivers 7400MB/s* max read and 6500MB/s* max write speeds, ensuring reduced load times and delivering seamless gameplay.



The Perfect SSD for your PS5

Tested and approved storage for your PS5® console, the PLAY 2280 SSD lets you to play games right off the drive. With a design that complements your PS5®, it's built to elevate your gaming experience.



Stays Cool When the Battle Heats Up

Includes a unique heatsink for effortless installation and enhanced cooling during intense gaming sessions.



Play Directly from the Drive

There's no need to transfer or delete games from your console – the 8TB drive can hold up to 150+ AAA games.

Built to Perform

The PLAY 2280 SSD can be used not only for PS5 but also for PC gaming. HMB and SLC Dynamic cache deliver improved performance, accelerated data access speeds, and enhanced overall responsiveness when used with a PC.

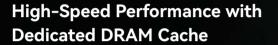


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Next-Gen Performance with Heatsink

Lexar® Professional NM800PRO with Heatsink M.2 2280 PCIe Gen4x4 NVMe SSD

512GB 1TB 2TB 4TB 8TB



Read speeds up to 7500MB/s*, equipped with dedicated DRAM cache. With random read/write speeds reach 1300K/1200K IOPS*. it accelerates data access and enhances responsiveness.



Satisfying Gaming Experience

Lexar® NQ790 M.2 2280 PCle Gen4x4 **NVMe SSD**

500GB 1TB 2TB 4TB

UP TO

7000MB/s

READ SPEED

6000MB/s WRITE SPEED

Built to Perform

Enjoy an improved experience with the PCIe 4.0 interface, NVMe protocol, and HMB and SLC cache technologies.



Compatible with Multiple Devices

The standard 2280 form factor is compatible with laptops, desktop computers, and the PS5

Boost Your Computing Experience with Faster Gen4x4 Performance

Lexar® NM710 M.2 2280 PCle Gen4x4 NVMe SSD

512GB 1TB 2TB



5000MB/s

SEQUENTIAL READ

4500MB/s

SEQUENTIAL WRITE

More than 40%* Faster than PCIe 3.0 SSD

Upgrade your system with the Lexar NM710 SSD, more than 40%* faster than PCle 3.0 SSD with higher transfer speeds of up to 5000MB/s* read and 4500MB/s* write.

Advanced Technology

With the HMB 3.0 and SLC Cache technology, the Lexar NM710 SSD will boost your system with higher transfer speeds and faster boot-up.

Next-Level performance for intensive workloads

Lexar® NM620 M.2 2280 NVMe SSD

256GB 512GB 1TB 2TB

Lexar

Performance for Work and Play

Built with PCle 3.0 Gen3x4 interface and NVMe 1.4 technology, it delivers read speeds up to 3500MB/s*, accelerating workflows and game loading. Boots up faster and improves overall system responsiveness.

Smart Power Management

The drive automatically adjusts power consumption according to your workload to optimize efficiency. Even during extended use or AAA gaming, it stays cool and runs smoothly from start to finish.



Extreme Performance for Extreme Creativity

Lexar® ARES RGB 2nd Gen DDR5 Desktop Memory

6000MT/s 6400MT/s 6800MT/s 7200MT/s 7600MT/s 8000MT/s

32GB Kit (2 x 16GB)

48GB Kit (2 x 24GB)

64GB Kit (2 x 32GB)



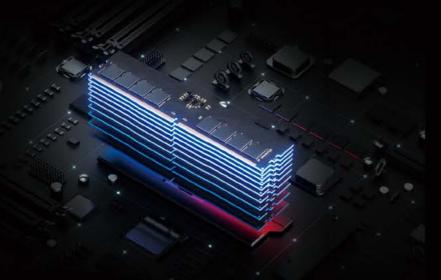


Blazing-Fast Performance for AMD Ryzen

With a high frequency of 6000MT/s* and low latency of CL26, this memory delivers an exceptional gaming experience.

10-layer PCB for Superior Overclocking

Greatly enhance the signal integrity and antiinterference ability, ensuring ultimate stability during high-frequency operation, and bringing users a smoother and unhindered performance experience.





Certified as Lexar Empowered by SK hynix

Equipped with premium SK hynix DRAM chips to enable higher performance and better stability.



A 1.88mm-thick heatsink and an exclusive PMIC thermal conductive pad provide superior thermal conductivity.





Game in Style with RGB

Features Lexar RGB Sync so you can customize your lighting to suit your gameplay style.









Next-Generation DDR5 Performance for Gaming

ARES RGB DDR5 Desktop Memory

5600MT/s 6000MT/s 6400MT/s 6800MT/s 7200MT/s

32GB Kit (2 x 16GB) 16GB





Certified as Lexar Empowered by **SK Hynix**

Equipped with premium SK Hynix DRAM chips to enable higher performance and better stability.



Keep Your Game Cool

Designed with a premium aluminum heat spreader to keep your system running cool, allowing ultra-fast performance under intensive workloads.



Game in Style with Lexar RGB Sync

With Lexar RGB Sync, a powerful RGB lighting control software, you can customize and synchronize your lighting effects by color, intensity, and speed so you can game in style.









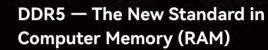
DDR5 Performance with Powerful Heatsink

THOR RGB DDR5 Desktop Memory

6000MT/s 6400MT/s

32GB Kit (2 x 16GB)

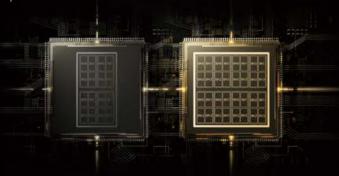
16GB



The DDR5 features double the banks and two independent 32-bit channels, significantly accelerating data processing speed and unlocking breakthrough

Game in Style with RGB Lighting

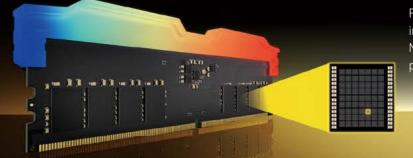
Personalize your experience with customizable RGB lighting for a more immersive gaming experience.





Improved Stability, Reliability, and Efficiency

Features on-die Error Correction Code (ECC) for improved stability and reliability and on-board Power Management Integrate Circuits (PMIC) to enhance power efficiency.



DDR5 Performance with Powerful Heatsink

THOR OC DDR5 Desktop Memory

5600MT/s 6000MT/s 6400MT/s

32GB Kit (2 x 16GB) 16GB Kit (2 x 8GB) 16GB

8GB

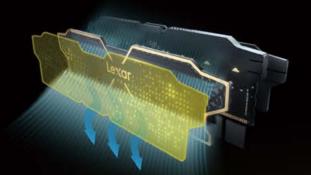
Seamlessly Compatible

Supports Intel XMP 3.0 and AMD EXPOTM overclocking and is compatible with mainstream DDR5 motherboards.



Low-profile, Durable, Heat-Dissipating Design

The THOR design features a thin 1.6mm durable heatsink in solid aluminum for superior heat dissipation and with its 40mm high form factor, it is perfect for compact PC builds.



Fierce DDR5 Performance

With up to 32GB of high-capacity memory and blazing speeds of 6400MT/s*, THOR DDR5 delivers ultra-fast performance that boosts data transfer and processing efficiency—keeping your system smooth and responsive.



Boost your PC for High-Speed Performance

THOR DDR4 UDIMM Desktop Memory

3200MHz 3600MHz

32GB Kit (2 x 16GB)

16GB Kit (2 x 8GB)

16GB

8GB

High-Computing Power for Stabilized Performance

The THOR DDR4 delivers speeds up to 3600MHz*, accelerating PC performance, reducing lag, and enhancing overall responsiveness. Whether for work or entertainment, it gives your PC a simple yet powerful upgrade—great for multitasking with ease.



Easy Upgrade

Get better performance without having to buy a new system. With a simple upgrade to the Lexar DDR4 memory, you'll add a much-needed boost to your computer.



Premium Aluminum Heat Spreader to keep your System Cool

The THOR design features a thin 1.6mm durable heatsink in solid aluminum for superior heat dissipation and with its 40mm high form factor, it is perfect for compact PC builds.







All-in-one Workflow Solution

Professional Workflow 6-Bay Docking Station with Thunderbolt 4





Customize Your Solution



Connect your personal storage devices to charge your phone or laptop



Easily expand your storage via daisy-chain multiple docks

140W GaN Charging Full Power On the Go

Equipped with a 140W GaN charger with replaceable plug and travel adapters, ensuring you enjoy fast and reliable charging wherever you are.



Power adapter (China/US standard)



UK plug adapter



EU plug adapter





Dual-Slot SD UHS-II Card Reader

Transfer from two cards simultaneously

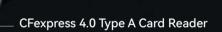
SD/microSD UHS-II Card Reader

Transfer from two cards simultaneously

Portable SSD Modules

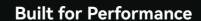
CFexpress 4.0 Type A Card Reader Supports CFexpress 4.0/2.0 Type A

speed up post-production



Supports CFexpress 4.0/2.0 Type B





Accelerate your workflow with two 40Gbps Thunderbolt 4[™] bays and four 10Gbps bays for fast, efficient offloads.



Save Time with Simultaneous Offloads

6 bays to use with Lexar Professional Workflow Portable SSDs and Readers to customize your workflow.



Back up on location without a laptop

Professional Workflow Go
Portable Workflow Dock for Outdoor
and On-Site Use



No Laptop Required

Back up on the go using your smartphone to view content and manage the drive. Plus, an additional USB-C port allows you to connect more devices.



More than 4.5 Hours of Battery Power

The included detachable, rechargeable 5000mAh battery pack provides more than 4.5 Hours of worry-free back-up and can also charge other USB-C devices.





Compact, Portable 2-bay Docking Station

Compatible with Lexar Professional Workflow Portable SSDs and Readers so that you can customize to suit your needs.

6.15 inches

Size comparable to iPhone 16

318 grams

Only 1/5 the weight of a 14" MacBook Pro



10Gbps

Quickly Transfer High-Res Content

Features USB-C 10Gbps transfer speed for fast backup of large, high-res files.



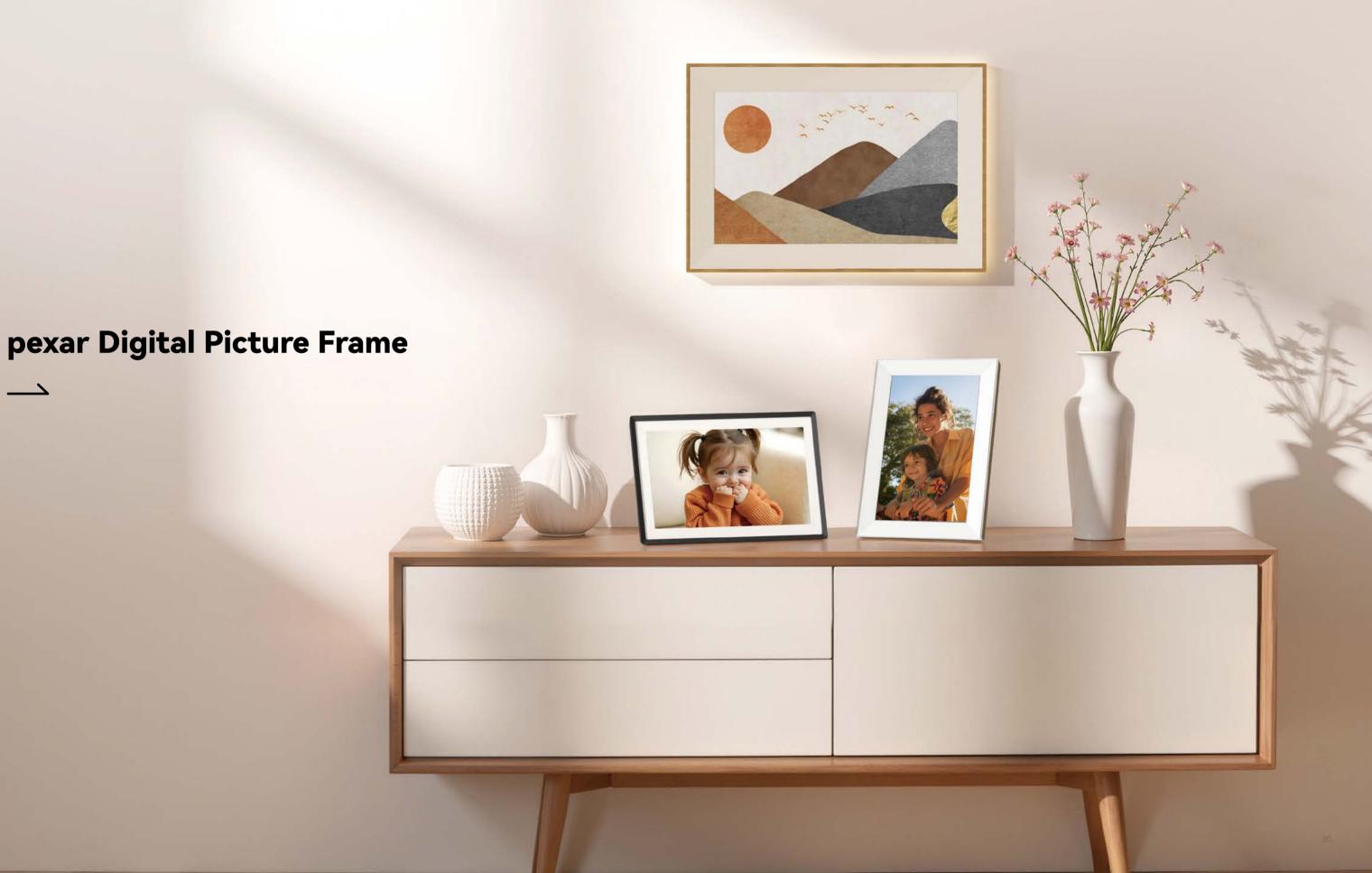
Professional Workflow Portable SSD Durable and Rugged

Provides waterproof performance for 30 minutes in 1.5 meters of water

Withstands drops from up to 3 meters

Completely dustproof

*Based on internal testing, this product rates IP68 – the highest level of protection against water and dust and drop resistant to 3 meters. Actual performance (waterproof, dustproof, and drop resistance) may vary depending on usage environment.







Display without WiFi













Life's Big Moment, Now Even Brighter

- 1920x1080 anti-glare touch screen
- Gallery light comes from the back
- Easy-sharing moments via app from anywhere
- 32GB internal storage, expandable with SD card or USB flash drive
- Wall-Mountable and tablet





Memories, Now in Stunning 2K

- 2K anti-glare touch screen
- Add photos and videos with free app
- Auto-rotate for portrait and landscape
- 32GB internal storage, expandable with SD card or USB flash drive

10.1" pexar terra digital picture frame



Frame the Moments That Matter, Anywhere

- Anti-glare touch screen
- Add photos and videos with free app
- Auto-rotate for portrait and landscape
- 32GB internal storage, expandable with SD card or USB flash drive

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Appendix



PRODUCT SPECIFICATIONS

- < CFexpress >
- < SD & microSD >
- < Protable SSDs >
- < USB Flash Drives >
- < SSDs >
- < Memory >
- < Workflow >

PRODUCT SPECIFICATIONS < CFexpress >

	Product	Protocol	Video Recording	Video Speed Class	Read Speed*	Write Speed*	Capacity	Warranty
Lexion To September 170 Per 17	CFexpress 4.0 DIAMOND Type B	PCIe Gen 4	8K RAW	VPG400	3700MB/s	3400MB/s	• 128GB • 256GB • 512GB • 1TB	Limited Lifetime
4-18 ENGLED ENGL	CFexpress 4.0 GOLD Type B	PCIe Gen 4	8K RAW	/	3600MB/s	3300MB/s	• 512GB • 1TB • 2TB • 4TB	Limited Lifetime
TIB Grant State S	CFexpress 4.0 SILVER Type B	PCle Gen 4	8K RAW	/	3600MB/s	3000MB/s	• 1TB	Limited Lifetime
1 to Lever	CFexpress 4.0 GOLD Type A	PCle Gen 4	8K RAW	VPG400	1800MB/s	1650MB/s	• 640GB • 1TB	Limited Lifetime
320 a control of the	CFexpress GOLD Type A	PCle Gen 3x1	8K RAW	VPG400	900MB/s	800MB/s	• 80GB • 160GB • 320GB	Limited Lifetime
ZTB SO CONTROL OF THE PROPERTY	CFexpress SILVER Type A	PCle Gen 3x1	8K	VPG200	800MB/s	700MB/s	• 160GB • 256GB • 320GB • 512GB • 1TB • 2TB	10-year Limited

		Recommended Products	Reasons
Lentor Instrumental Trail Page 1758 Re Mills Mi	Professional Camera Gear Picks	CFexpress 4.0 DIAMOND Type B	VPG400 certified Compatible with Fujifilm / Canon / Nikon Recommended by camera manufacturers as High-end configuration Supports 8K RAW recording
Levar Antonion	HD Camera Gear Picks	CFexpress 4.0 SILVER Type B CFexpress 4.0 GOLD Type B	Supports multiple formats and streaming recording, with wide capacity options Officially recommended by camera manufacturers
210 Sales Sa	SONY Premium Camera Picks	CFexpress SILVER Type A CFexpress GOLD Type A CFexpress 4.0 GOLD Type A	 Compatible with Sony α series / FX series models VPG certified, ensuring stable recording without frame drops

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PRODUCT SPECIFICATIONS < SD & microSD >

	Product	Description	Recommended Use	Interface	Speed Class	Read Speed*	Write Speed*	Capacity	Warranty
512ca 200 240 X Voc U 57 00 Leviar North Earth N	2000x	Professional Photography	Burst shooting 8K Video Recording	UHS-II	V90	300MB/s	260MB/s	• 64GB • 128GB • 256GB • 512GB	Limited Lifetime
© ARMOR 1 18 200 £€ (*** *** *** **** Lexar	ARMOR GOLD	Outdoor Use	Burst shooting 6K RAW Video Recording	UHS-II	V60	280MB/s	205MB/s		Limited Lifetime
ØARMOR 1 B 200 EFF 10 M Lexar	ARMOR SILVER PRO	Outdoor Use	Burst shooting 6K Video Recording	UHS-II	V60	280MB/s	160MB/s		Limited Lifetime
280 2005 × 000 × 0	1800x	Photo Enthusiasts	Burst shooting 4K RAW Video Recording	UHS-II	V60	280MB/s	205MB/s	• 64GB • 128GB • 256GB • 512GB • 1TB	Limited Lifetime
280 100 08 d 280 100 08 08 100 08 08 100 08 08 100 08 08 100 08 08 100 08 08 100 08 08 100 08 08 08 08 08 08 08 08 08 08 08 08 0	SILVER PRO	Photo Enthusiasts	Burst shooting 4K UHD Video Recording	UHS-II	V60	280MB/s	160MB/s		Limited Lifetime
1 m SMI de 150 d	SILVER PLUS	Photo Enthusiasts	Burst shooting 4K Video Recording	UHS-I	V30	205MB/s	150MB/s		Limited Lifetime
256 1300 \$2 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	800x PRO	Entry-Level	Full HD	UHS-I	V30	150MB/s	45MB/s	• 32GB • 64GB • 128GB • 256GB	10-year Limited

	Product	Description	Read/Write Speed*	Speed Class	Capacity	Warranty
Lexar Ins	PLAY PRO microSD Express	microSD Express delivers superior speed 4× faster for an enhanced gaming experience	900MB/s, 600MB/s	UHS-I V30	• 256GB • 512GB • 1TB	Limited Lifetime
Lexar SEZ Y∞ GOLD U A1 256c8	GOLD	Blazing fast performance Excellent read/write for smooth recording	280MB/s, 180MB/s	UHS-II V60 A1	• 128GB • 256GB	10-year Limited
Lexar Pay you River U 42 1TB	SILVER PLUS	High-speed performance Ultra-smooth video capture	205MB/s, 150MB/s	UHS-II V30 A2	• 64GB • 512GB • 128GB • 1TB • 256GB	Limited Lifetime
Lexar 10 /2 178	1066x	High-speed performance Fast file transfer	160MB/s, 120MB/s	UHS-II V30 A1/A2	• 64GB • 512GB • 128GB • 1TB • 256GB	10-year Limited
Lexor 118 Teles	PLAY	High-speed performance Your go-to for extra mobile storage	205MB/s, 140MB/s	V30/V10	• 128GB • 512GB • 256GB • 1TB	5-year Limited
Lexar ME 1/30 BLUE 13/42 218	BLUE	Compatible with a wide range of devices Ideal for daily storage needs	160MB/s	V30/V10	• 128GB • 1TB • 256GB • 2TB • 512GB	10-year Limited
Lexar BLUE PLUS 2TB STEP / You Us 42	BLUE PLUS	Compatible with a wide range of devices Ideal for daily storage needs	170MB/s	V30/V10	• 32GB • 512GB • 64GB • 1TB • 128GB • 2TB • 256GB	10-year Limited

PRODUCT SPECIFICATIONS < Protable SSDs >

	Model	Recommended Usage Scenario	Connection Type	Read/Write Speed*	Capacity	Compatible Devices	Mobile External Storage Support	Protection	Weight	Warranty	
Lorge	ARMOR 700	Rugged Protection Portable SSD	USB 3.2 Gen 2x2	Read: 2000MB/s Write: 2000MB/s	• 1TB • 2TB • 4TB	Smartphones, Tablets PCs Cameras Game Consoles		IP66 Dustproof & Waterproof 3m Drop Resistant	80g	5-year Limited	
Lenor	Go with Hub	Designed for iPhone	USB 3.2 Gen 2	Read: 1050MB/s Write: 1000MB/s	• 1TB • 2TB		Tablets PCs Cameras		IP65 Dustproof & Waterproof (Excludes The Hub)	36g	Portable SSD: 5-year Limited Hub: 3 year Limited
Lentogr	SL500 with Magnetic Set	with Innovative Magnetic Case	USB 3.2 Gen 2x2	Read: 2000MB/s Write: 2000MB/s	• 1TB • 2TB • 4TB			Yes	2M Drop Resistant	95g	Portable SSD: 5-year Limited Magnetic Set: 3 year Limited
Levar	SL500	High- performance & Versatile	USB 3.2 Gen 2x2	Read: 2000MB/s Write: 1800MB/s	• 1TB • 2TB • 4TB			2M Drop Resistant	43g	5-year Limited	
W.	Go	Ultra-compact Size	USB 3.2 Gen 2	Read: 1050MB/s Write: 1000MB/s	• 1TB • 2TB			IP65 Dustproof & Waterproof	13g	5-year Limited	
Lexar	SL300	Everyday Reliable Storage	USB 3.2 Gen 2	Read: 1050MB/s Write: 1000MB/s	• 1TB • 2TB	Smartphones, tablets, PCs	Na	2M Drop Resistant	45g	3-year Limited	
	SL200	Ideal Entry-level Solution	USB3.1	Read: 550MB/s Write: 400MB/s	• 512G • 1TB • 2TB		No	1	45g	3-year Limited	

PRODUCT SPECIFICATIONS < USB Flash Drives >

	Model	Product Type	Recommended Usage Scenario	Interface Type	Max Read Speed*	Capacity	Warranty
· · · · · · · · · · · · · · · · · · ·	F35 PRO	Fingerprint Encrypted Flash Drive	High-level data security	USB 3.2 Gen 1	400MB/s	• 64GB • 128GB • 256GB	5-year Limited
[[[Levar	M900	USB-A Flash Drive	High-speed data backup for Office & Study	USB 3.2 Gen 1	400MB/s	• 64GB • 128GB • 256GB	5-year Limited
	D400	USB-C / USB-A Dual Drive	Mobile phone & PC data sharing	USB 3.2 Gen 1	130MB/s	• 32GB • 64GB • 128GB • 256GB	5-year Limited
	D300	USB-C / USB-A Dual Drive	Compatible with smartphones, PCs, and multiple devices	USB 3.2 Gen 1	130MB/s	• 32GB • 64GB • 128GB • 256GB	5-year Limited
	M400	USB-A Flash Drive	Compatible with smartphones, PCs, and multiple devices	USB 3.2 Gen 1	150MB/s	• 32GB • 64GB • 128GB • 256GB	5-year Limited
Lexar §	S80	USB-A Flash Drive	Daily data sharing	USB 3.2 Gen 1	150MB/s	• 16GB • 32GB • 64GB • 128GB • 256GB	3-year Limited

PRODUCT SPECIFICATIONS < SSDs >

	Model	Interface	Capacity	Cache	Max Seq. Read	Max Seq. Write	TBW	Warranty
Lexter Personal Manager	NM1090 PRO	PCle Gen5x4	• 1TB • 2TB • 4TB	DRAM Cache	14,000 MB/s	13,000 MB/s	• 700 • 1400 • 2800	5–year Limited
Levar	NM990	PCle Gen5x4	• 1TB • 2TB • 4TB	HMB 3.0 & SLC Cache	14,000 MB/s	11,000 MB/s	• 750 • 1500 • 3000	5-year Limited
Levar responsement	NM800 PRO	PCle Gen4x4	• 512GB • 1TB • 2TB • 4TB • 8TB (Heatsink version)	DRAM Cache	7,500 MB/s	6,500 MB/s	• 500 • 1000 • 2000 • 3000 • 6000	5-year Limited
Levar	NM790	PCle Gen4x4	• 1TB • 2TB • 4TB • 8TB	HMB 3.0 & SLC Cache	7,400 MB/s	6,500 MB/s	• 1000 • 1500 • 3000 • 6000	5-year Limited
Lextor © No.	PLAY	PCle Gen4x4	• 2TB • 4TB • 8TB	HMB 3.0 & SLC Cache	7,400 MB/s	6,500 MB/s	• 1600 • 3200 • 6400	5-year Limited
Lexar NQ790	NQ790	PCle Gen4x4	• 500GB • 1TB • 2TB • 4TB	HMB 3.0 & SLC Cache	7,000 MB/s	6,000 MB/s	• 300 • 600 • 1200 • 2400	5-year Limited
Lexar NQ780	NQ780	PCle Gen4x4	• 1TB • 2TB • 4TB	HMB 3.0 & SLC Cache	7,000 MB/s	6,000 MB/s	• 600 • 1200 • 2400	5-year Limited
Lexar NQ710	NQ710	PCle Gen4x4	• 1TB • 2TB	HMB 3.0 & SLC Cache	5,000 MB/s	4,000 MB/s	• 170 • 340 • 680	5-year Limited
Lexar NQ700	NQ700	PCle Gen4x4	• 1TB • 2TB	HMB 3.0 & SLC Cache	4,500 MB/s	3,000 MB/s	• 350 • 700	3-year Limited
RON	NM620	PCle Gen3x4	• 256GB • 512GB • 1TB • 2TB	HMB 3.0 & SLC Cache	3,500 MB/s	3,000 MB/s	• 125 • 250 • 500 • 1000	3-year Limited
	NM610 PRO	PCle Gen3x4	• 250GB • 500GB • 1TB • 2TB	HMB 3.0 & SLC Cache	3,300 MB/s		• 60 • 120 • 240 • 480	3-year Limited

PRODUCT SPECIFICATIONS < Memory >

	Product	Capacity	Frequency (MT/s)	Latency (CL)	Voltage (V)	Warranty
Lenter	ARES RGB DDR5 (2ndt Gen)	• 32GB(16GBx2) • 48GB(24GBx2) • 64GB(32GBx2)	6000 / 6400 / 6800 7200 / 7600 / 8000	CL26 / CL28 CL30 / CL32 CL34 / CL36 CL38 / CL40	• 1.35 • 1.4 • 1.45	Limited Lifetime
	THOR RGB DDR5	• 32GB(16GBx2) • 16GB	6000 / 6400	CL30 CL32 CL38	• 1.35 • 1.4	Limited Lifetime
Levar Levar	THOR OC DDR5	• 8GB • 16GB • 16GB(8GBx2) • 32GB(16GBx2)	5600 / 6000 / 6400	CL30 CL32 CL36 CL38	• 1.25 • 1.35 • 1.4	Limited Lifetime
Lentor	THOR OC DDR4	• 8GB • 16GB • 16GB(8GBx2) • 32GB(16GBx2)	3200 / 3600	CL16 CL18	• 1.35	Limited Lifetime

		AMD Platform Recommendation	Intel Platform Recommendation
Levar Levar	Gaming	NM1090 PRO PCIe 5.0 SSD + ARES RGB 6000 C26 DDR5	NM1090 PRO PCIe 5.0 SSD + ARES RGB 8000 C26 DDR5
TON Levar	Gaming	NM790 SSD + ARES 6000 C28 DDR5	NM790 SSD + ARES 6800 C34 DDR5
Lexar N0790	Mainstream	NQ790 SSD + THOR DDR5 RGB 6000 C	C38

PRODUCT SPECIFICATIONS < Workflow >

Model	Host Interface	Compatibility	Warranty
Workflow (WF800)	 1 x 40Gbps Thunderbolt 4 USB-C 1 x USB-A 1 x USB-C 6 x USB-C (4 x 10Gbps + 2 x Thunderbolt 4) 	• Windows 10/11+ • Mac OS 11+	3-year Limited
Workflow Go (WF600)	 1 x 10Gbps USB-C 3 x 10Gbps USB-C 1 x 5000mAh removable rechargeable battery 	 Mac OSX 10.6+ / Windows 11/10/8/7 iOS 11+ / Android 4.4+ 	2 -year Limited
Workflow Dual-Slot SD UHS-II Reader (WF720)	• USB 3.2 Gen 2	Allows reading two SD cards (UHS-I/UHS-II)	3-year Limited
Workflow SD/microSD UHS-II Reader (WF710)	• USB 3.2 Gen 2	Allows reading one SD and one microSD card (UHS-I/ UHS-II)	3-year Limited
Workflow CFexpress 4.0 Type B Reader (WF730)	• USB4	• CFexpress Type B	3-year Limited
Workflow CFexpress 4.0 Type A Reader (WF740)	• USB4	• CFexpress Type A	3-year Limited

Model	Interface	Performance	Capacity	Warranty
Workflow Portable SSD (WF750)	• USB 3.2 Gen 2	Read Speed: 2000MB/s Write Speed: 2000MB/s	• 2TB • 4TB	5-year Limited

For additional information about the product, please visit the Lexar website.



*Speeds based on internal testing. Actual performance may vary.

- Actual usable memory capacity may vary. 1GB equals 1 billion bytes.
- Lexar is not liable for any loss of data or images.
- Product appearance, performance, software offerings, and packaging may vary depending on the ship date and available inventory.
- Specs may change without notice. For more details, please visit our official website:
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