



#### CONTACT US

Hotline: +886-970 368 077

[info@twinmos.com](mailto:info@twinmos.com) | [sales@twinmos.com](mailto:sales@twinmos.com)

TwinMOS Technologies LTD.

5 F.-5, No. 29, Sector. 1, Minsheng E. Road.,

Zhongshan Dist., Taipei City 104619,

Taiwan (R.O.C.)



[X /twinmos](#) [/twinmostech](#) [f /twinmos.tech](#)

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



## CATALOG

01 /	COMPANY PROFILE
02 /	CERTIFICATIONS
05 /	STORAGE SOLUTIONS
09 /	MEMORY SOLUTIONS
15 /	POWER SUPPLY
16 /	FLASH DRIVE
17 /	ACCESSORIES & MicroSD



# Preface

Since its founding in 1998, TwinMOS Technologies has been at the forefront of innovation in the global memory and storage industry. Driven by a commitment to quality, performance, and customer satisfaction, TwinMOS has built a strong reputation as a trusted provider of high-performance DRAM modules, flash memory, solid-state drives, and mobile accessories.

With a presence in over 60 countries, TwinMOS integrates cutting-edge R&D, rigorous quality control, and efficient manufacturing processes to deliver solutions that meet the evolving demands of consumers, businesses, and industrial sectors. Our philosophy centers on delivering reliable technology at competitive value, enabling users to enhance productivity, connectivity, and digital experience across a wide range of platforms.

This document showcases our latest offerings and underscores our dedication to continuous improvement, technological advancement, and long-term partnerships. At TwinMOS Technologies, we don't just follow trends—we help shape the future of memory and storage solutions.





# Company Profile

TwinMOS is committed to delivering high-quality, reliable memory and storage solutions backed by globally recognized certifications. Our products comply with JEDEC standards and are manufactured under ISO-certified processes to ensure consistency and performance. We are proud to hold certifications including CE, FCC, RoHS, and BIS, reflecting our adherence to international safety, quality, and environmental guidelines. As a recognized Superbrand, TwinMOS continues to set the benchmark in the industry for innovation, trust, and excellence.

## Certifications





Memory Module  
Solid State Drive  
Portable Drive  
MicroSD Card  
Flash Drive  
USB HUB  
PSU





# Storage Solutions

DATA SECURITY IS A TOP PRIORITY IN TODAY'S TECH LANDSCAPE  
SOLID-STATE USB DRIVES ARE LEADING THE WAY IN THE STORAGE MARKET.



## TwinMOS CoreX Pro Gen 5 NVMe SSD

<b>Capacity</b>	: 1TB   2TB
<b>Interface</b>	: PCIe 5.0 x4
<b>Protocol</b>	: NVMe 2.0
<b>SSD Controller</b>	: Phison
<b>NAND Flash Brand</b>	: Micron
<b>Read Speed</b>	: Up to 14500 MB/s
<b>Write Speed</b>	: Up to 13500 MB/s

TwinMOS CoreX Pro is a high-performance PCIe Gen5 NVMe SSD designed for gamers, creators, and professionals. With blazing-fast read speeds up to 14,500 MB/s and write speeds up to 13,500 MB/s, it features DRAM cache, advanced thermal management, and cutting-edge 3D NAND—delivering next-gen speed, reliability, and efficiency for demanding workloads.



## TwinMOS Xtreme Gen4 NVMe SSD

<b>Capacity</b>	: 1TB   2TB
<b>Interface</b>	: PCIe Gen 4.0 x4
<b>Protocol</b>	: NVMe 2.0
<b>SSD Controller</b>	: SMI
<b>NAND Flash Brand</b>	: Innogrit/ RealTek
<b>Read Speed</b>	: Up to 7500 MB/s
<b>Write Speed</b>	: Up to 6800 MB/s

TwinMOS Xtreme NVMe SSD is a performance-driven PCIe Gen4 M.2 SSD designed for speed, stability, and efficiency. With read speeds up to 7500 MB/s and write speeds up to 6800 MB/s, it delivers ultra-fast data access, reduced latency, and superior reliability. Ideal for gamers, professionals, and power users, the Xtreme NVMe ensures seamless multitasking, quick boot times, and high-end system performance—all in a compact M.2 2280 form factor.

# TwinMOS



## TwinMOS CoreX Gen4 NVMe SSD

<b>Capacity</b>	: 1TB   2TB
<b>Interface</b>	: PCIe 4.0 x4
<b>Protocol</b>	: NVMe 2.0
<b>SSD Controller</b>	: Innogrit/ RealTek
<b>NAND Flash Brand</b>	: Micron/ Hynix
<b>Read Speed</b>	: Up to 5000 MB/s
<b>Write Speed</b>	: Up to 4800 MB/s

TwinMOS CoreX is a high-speed PCIe Gen4 NVMe SSD built for smooth performance and reliable storage. Offering read speeds up to 5000 MB/s and write speeds up to 4800 MB/s, it features HMB (Host Memory Buffer) technology, 3D NAND flash, and efficient thermal control—making it an ideal upgrade for gamers, content creators, and everyday users seeking faster load times and enhanced system responsiveness.



## TwinMOS AlphaPro Gen3 NVMe SSD

<b>Capacity</b>	: 128GB-2TB
<b>Interface</b>	: PCIe 3.0 x4
<b>Protocol</b>	: NVMe 2.0
<b>SSD Controller</b>	: SMI/ Maxio
<b>NAND Flash Brand</b>	: Micron/ Hynix
<b>Read Speed</b>	: Up to 3500 MB/s
<b>Write Speed</b>	: Up to 3250 MB/s

The AlphaPro Gen3 NVMe SSD offers fast and reliable storage with read speeds up to 3500 MB/s and write speeds up to 3250 MB/s. Built on the PCIe Gen3 x4 interface, it features 3D NAND flash and LDPC error correction for durability and data integrity. Its compact M.2 2280 design makes it ideal for upgrading laptops and desktops with smooth, high-speed performance.

# Storage Solutions

DATA SECURITY IS A TOP PRIORITY IN TODAY'S TECH LANDSCAPE  
SOLID-STATE USB DRIVES ARE LEADING THE WAY IN THE STORAGE MARKET.



Hyper SSD 2.5"



## TwinMOS H2 Ultra SATA SSD

<b>Capacity</b>	: 128GB - 2TB
<b>Interface</b>	: SATAIII
<b>Form Factor</b>	: 2.5-inch SSD
<b>SSD Controller</b>	: SMI
<b>NAND Flash Brand</b>	: Micron/ Hynix
<b>Read Speed</b>	: Up to 580 MB/s
<b>Write Speed</b>	: Up to 550 MB/s

The TwinMOS H2 Ultra SSD is a high-speed 2.5" SATA III solid-state drive built for enhanced system performance and reliability. With read speeds up to 580 MB/s and write speeds up to 550 MB/s, it significantly reduces boot times and improves overall responsiveness. Powered by 3D NAND flash and equipped with advanced error correction, the H2 Ultra is an ideal upgrade for laptops and desktops—delivering fast, stable, and energy-efficient storage.

EliteDrive



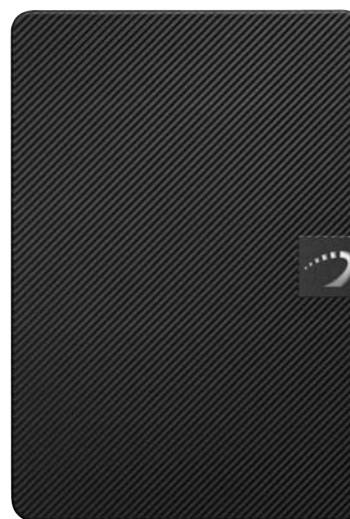
## TwinMOS EliteDrive Portable SSD

<b>Capacity</b>	: 128GB - 2TB
<b>Interface</b>	: USB 3.0 / Type C
<b>NAND Type</b>	: TLC 3D NAND
<b>SSD Controller</b>	: SMI
<b>NAND Flash Brand</b>	: Micron/ Hynix
<b>Read Speed</b>	: Up to 450 MB/s
<b>Write Speed</b>	: Up to 410 MB/s

The TwinMOS EliteDrive is a sleek and reliable portable SSD designed for fast data transfer on the go. Featuring both USB 3.0 and Type-C interfaces, it delivers high-speed performance with broad device compatibility. Compact, lightweight, and durable, the EliteDrive is perfect for storing and transferring large files, media, and backups—making it an ideal solution for professionals, students, and everyday users.

# TwinMOS

ProDrive Ultra

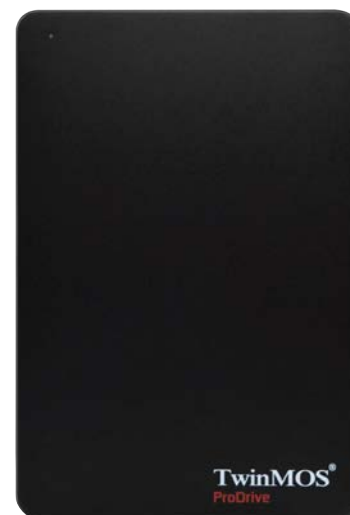


## TwinMOS ProDrive Ultra Portable HDD

<b>Capacity</b>	: 1TB
<b>Interface</b>	: USB 3.0
<b>RPM</b>	: 5400   7200
<b>Bandwidth</b>	: 5Gbps

The TwinMOS ProDrive Ultra is a high-capacity portable HDD designed for dependable storage and easy data access. Equipped with a USB 3.0 interface, it offers faster transfer speeds compared to traditional USB 2.0 drives, making it ideal for backing up large files, videos, and documents. With its sleek, durable design and plug-and-play functionality, the ProDrive Ultra is a perfect solution for everyday storage needs at home, work, or on the go.

ProDrive



## TwinMOS ProDrive Portable HDD

<b>Capacity</b>	: 1TB   2TB
<b>Interface</b>	: USB 3.0
<b>RPM</b>	: 5400   7200
<b>Read Speed</b>	: Up to 125 MB/s
<b>Bandwidth</b>	: 5Gbps

The TwinMOS ProDrive Portable HDD offers reliable, high-capacity storage with fast USB 3.0 connectivity. Available in 1TB and 2TB, its compact and durable design makes it perfect for on-the-go data backup and file transfers. Compatible with Windows, macOS, and Linux, it's a versatile external storage solution for everyday use.

# Memory Solutions

MEMORY TECHNOLOGY CONTINUES TO EVOLVE RAPIDLY, AND PERFORMANCE AND STABILITY ARE NOW ESSENTIAL. IN THIS LANDSCAPE, HIGH-SPEED MEMORY MODULES HAVE BECOME THE BACKBONE OF MODERN COMPUTING

VOLTXX RGB



## TwinMOS VOLTXX DDR5 RGB Gaming U-DIMM

<b>Memory Type</b>	: DDR5
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 16GB   32GB   64GB
<b>Speed</b>	: 6000MHz
<b>Tested Voltage</b>	: 1.35V
<b>Performance Profile</b>	: XMP 3.0   EXPO
<b>CAS Latency</b>	: CL36

Boost your desktop with TwinMOS VOLTXX RGB DDR5 U-DIMM, delivering speeds up to 6000 MB/s for smooth gaming and multitasking. Featuring efficient cooling, low power consumption (1.35V), and vibrant customizable RGB lighting, it combines high performance with eye-catching style. Fully JEDEC-compliant for broad compatibility.

THUNDERGX



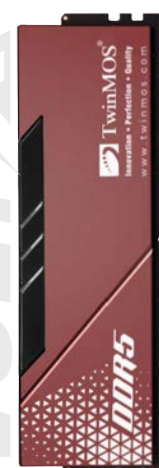
## TwinMOS ThunderGX DDR4 Gaming U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 8GB   16GB   32GB
<b>Speed</b>	: 3200MHz
<b>Tested Voltage</b>	: 1.2V
<b>Performance Profile</b>	: XMP 2.0   AMD RYZEN
<b>CAS Latency</b>	: CL16

The TornadoX6 delivers reliable performance with speeds up to 3200MHz and CL16latency. Operating at just 1.2V, it ensures energy efficiency and features an aluminum heat spreader for optimal cooling. JEDEC-compliant and available up to 32GB, it's a solid upgrade for any desktop system.

# TwinMOS

VOLTXX



## TwinMOS VOLTXX DDR5 Gaming U-DIMM

<b>Memory Type</b>	: DDR5
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 16GB   32GB   64GB
<b>Speed</b>	: 6000MHz
<b>Tested Voltage</b>	: 1.1V   1.35V
<b>Performance Profile</b>	: XMP 3.0   EXPO
<b>CAS Latency</b>	: CL36

The VOLTXX DDR5 U-DIMM offers next-gen memory performance with speeds up to 6000MB/s, ideal for gaming, content creation, and multitasking. Designed with a sleek heat spreader and low-power operation at 1.1V-1.35V, it ensures fast, stable, and energy-efficient performance. Available in capacities up to 32GB and fully JEDEC-compliant for broad compatibility.

CONCORD



## TwinMOS DDR4 Concord CL16 RGB Gaming U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 8GB   16GB   32GB
<b>Speed</b>	: 2666MHz   3200MHz
<b>Tested Voltage</b>	: 1.2V   1.35V
<b>Performance Profile</b>	: XMP 2.0   AMD RYZEN
<b>CAS Latency</b>	: CL16

The Concord RGB DDR4 delivers speeds up to 3200MHz with low latency for smooth gaming and multitasking. It features a stylish heat spreader and synchronized RGB lighting compatible with major motherboard brands. Available up to 32GB and JEDEC-compliant for wide system compatibility.



# Memory Solutions

MEMORY TECHNOLOGY CONTINUES TO EVOLVE RAPIDLY, AND PERFORMANCE AND STABILITY ARE NOW ESSENTIAL. IN THIS LANDSCAPE, HIGH-SPEED MEMORY MODULES HAVE BECOME THE BACKBONE OF MODERN COMPUTING



TORNADOX7 Pro



## TwinMOS TornadoX7 Pro Gaming U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 8GB   16GB   32GB
<b>Speed</b>	: 3200MHz
<b>Tested Voltage</b>	: 1.2V   1.35V
<b>Performance Profile</b>	: XMP 2.0   AMD RYZEN
<b>CAS Latency</b>	: CL16

The TornadoX7 Pro DDR4 memory runs at 3200MHz with CL16 latency for smooth gaming and multitasking. It features a sleek black heat spreader for effective cooling and supports Intel XMP 2.0 and AMD Ryzen platforms. Operating at 1.35V, it balances high performance with energy efficiency.

TORNADOX7 Pro



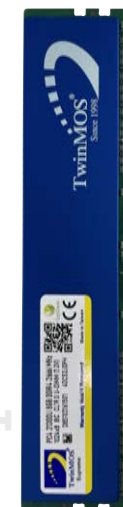
## TwinMOS TornadoX7 Gaming U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 8GB   16GB   32GB
<b>Speed</b>	: 3200MHz
<b>Tested Voltage</b>	: 1.2V
<b>CAS Latency</b>	: CL22

The TornadoX7 delivers fast and stable performance with speeds up to 3200MHz and low power usage at 1.2V. Its aluminum heat spreader ensures efficient cooling, and it's fully JEDEC-compliant for broad compatibility with Intel and AMD systems.

# TwinMOS

TwinMOS Supreme DDR4



## TwinMOS Supreme DDR4 U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Optional (Blue, Silver)
<b>Memory Size</b>	: 4GB   8GB   16GB   32GB
<b>Speed</b>	: 2666MHz   3200MHz
<b>Tested Voltage</b>	: 1.2V
<b>CAS Latency</b>	: CL19   CL 22

The TwinMOS Supreme DDR4 Up to 3200MHz DRAM offers reliable performance for everyday computing tasks. Operating at a frequency of 3200MHz with a CL22 latency, it ensures smooth multitasking and efficient data processing. With a low operating voltage of 1.2V, it promotes energy efficiency and reduces heat generation. Available in capacities ranging from 4GB to 32GB, the Supreme series is compatible with a wide range of laptops and desktops, making it a versatile choice for users seeking dependable memory solutions.

TORNADOX6



## TORNADO X6 DDR4 U-DIMM

<b>Memory Type</b>	: DDR4
<b>Heat Spreader</b>	: Aluminium
<b>Memory Size</b>	: 8GB   16GB   32GB
<b>Speed</b>	: 3200MHz
<b>Tested Voltage</b>	: 1.2V
<b>CAS Latency</b>	: CL22

The TornadoX6 delivers reliable performance with speeds up to 3200MHz and CL22 latency. Operating at just 1.2V, it ensures energy efficiency and features an aluminum heat spreader for optimal cooling. JEDEC-compliant and available up to 32GB, it's a solid upgrade for any desktop system.

# Memory Solutions

MEMORY TECHNOLOGY CONTINUES TO EVOLVE RAPIDLY, AND PERFORMANCE AND STABILITY ARE NOW ESSENTIAL. IN THIS LANDSCAPE, HIGH-SPEED MEMORY MODULES HAVE BECOME THE BACKBONE OF MODERN COMPUTING

TwinMOS Supreme DDR4



## TwinMOS Supreme DDR3 U-DIMM

Memory Type	: DDR3
Memory Size	: 4GB   8GB
Speed	: 1333MHz   1600MHz
Tested Voltage	: 1.35V, 1.5V
CAS Latency	: CL9   CL11

The TwinMOS DDR3 DRAM delivers stable and efficient performance for legacy desktop and laptop systems. With speeds up to 1600MHz and low power consumption at 1.35V-1.5V, it ensures smooth multitasking and system responsiveness. Available in various capacities, it's a cost-effective upgrade for extending the life of older devices while maintaining reliable performance.

TwinMOS Supreme DDR3



## TwinMOS Supreme DDR3 SO-DIMM

Memory Type	: DDR3
Memory Size	: 4GB   8GB
Speed	: 1333MHz   1600MHz
Tested Voltage	: 1.35V   1.5V
CAS Latency	: CL9   CL11

The TwinMOS DDR3 SO-DIMM is a dependable memory solution designed for older-generation laptops and compact systems. It delivers stable performance, efficient power usage, and solid multitasking capabilities, making it an ideal upgrade for extending the life and improving the responsiveness of legacy devices.

# TwinMOS

VOLT X



## TwinMOS VoltX DDR5 SO-DIMM

Memory Type	: DDR5
Memory Size	: 8GB   16GB   32GB
Speed	: 4800   5200   5600MHz
Tested Voltage	: 1.1V
CAS Latency	: CL40   CL42   CL46

The TwinMOS VoltX DDR5 SO-DIMM is a high-performance memory module designed for laptops and compact PCs, delivering faster speeds, improved power efficiency, and increased bandwidth compared to DDR4. With cutting-edge DDR5 technology, it enhances multitasking, gaming, and productivity by supporting higher data rates and better thermal management. Ideal for users looking to upgrade their portable systems with the latest memory standard.

TwinMOS Supreme DDR4



## TwinMOS Supreme DDR4 SO-DIMM

Memory Type	: DDR4
Memory Size	: 4GB   8GB   16GB   32GB
Speed	: 2666MHz   3200MHz
Tested Voltage	: 1.2V
CAS Latency	: CL19   CL22

The TwinMOS Supreme DDR4 SO-DIMM is a reliable and efficient memory module designed for laptops and small form-factor devices. It offers improved speed, lower power consumption, and enhanced performance compared to DDR3, making it ideal for everyday computing, multitasking, and light gaming. A perfect upgrade for boosting system responsiveness and overall efficiency.



# Power Supply Unit & Flash Drive

SMARTX



## TwinMOS SmartX RGB Power Supply Unit

- Available in 550W and 450W
- Complies with ATX12V & 20/24 pin
- 2 SATA power connector for convenient
- High efficiency & Stability
- Supports Intel & AMD Dual Core CPUs
- RGB Enabled
- 100% Hi-pot test
- 100% Burn-in test
- MTBF≥10,000 hours at 25C

The TwinMOS SmartX RGB Power Supply is a 550W ATX unit with 80 PLUS Bronze efficiency, vibrant RGB lighting, and full protection features—offering reliable performance and stylish flair for gaming and custom PC builds.

XPOWER



## TwinMOS Xpower Power Supply Unit

- Available in 550W and 450W
- Complies with ATX12V & 20/24 pin
- 2 SATA power connector for convenient
- High efficiency & Stability
- Supports Intel & AMD Dual Core CPUs
- 100% Hi-pot test
- 100% Burn-in test
- MTBF≥10,000 hours at 25C

The TwinMOS Xpower Power Supply Unit is a reliable and efficient PSU designed for desktop PCs, offering stable power delivery, quiet cooling with a 12cm fan, and essential safety protections like OVP, OCP, and SCP. Ideal for everyday computing and system upgrades, it ensures durability and consistent performance at an affordable price.

# TwinMOS



M16  
Mobile Disk USB 3.2

## TwinMOS M16 USB 3.2 Flash Drive

<b>Capacity</b>	: 32GB, 64GB, 128GB, 256GB
<b>Interface</b>	: USB 3.2
<b>Material</b>	: Metal
<b>Bandwidth</b>	: 5Gbps
<b>Read Speed</b>	: Up to 120 MB/s
<b>Write Speed</b>	: Up to 60 MB/s

The TwinMOS M16 USB 3.2 Flash Drive offers high-speed data transfer with read speeds up to 120MB/s and write speeds up to 60MB/s. Its compact and lightweight design makes it easy to carry, while the durable black casing ensures long-lasting use. Compatible with Windows, Mac OS, and Linux, it's an ideal solution for storing and sharing large files, videos, and other multimedia content.

MOBILE DISK X3  
USB 3.2 ULTRA



## TwinMOS X3 Ultra USB 3.2 Flash Drive

<b>Capacity</b>	: 8GB - 128GB
<b>Interface</b>	: USB 3.2 Gen 1
<b>Material</b>	: Metal & ABS Plastic
<b>Bandwidth</b>	: 5Gbps
<b>Read Speed</b>	: Up to 225 MB/s

The TwinMOS X3 Ultra USB 3.2 Flash Drive offers high-speed performance with read speeds up to 225MB/s in a sleek, durable design. Available in multiple capacities, it's ideal for fast, reliable data storage and transfer across devices.

# Accessories & MicroSD

## EzeeHub 24P USB HUB



- 3 USB 2.0 ports and 1 USB 3.0 for easy expansion
- Supports a data transfer rate of up to 5 Gbps
- 10 times faster than USB 2.0 products
- Plug-n-Play, hot-swappable
- Backward compatible with USB 1.1 and USB 2.0
- Overcurrent Protection
- Self Powered
- In build USB cable for convenient use.

The TwinMOS EzeeHUB-24P USB 3.0 Hub expands connectivity with four USB ports, supporting Upto 5Gbps bandwidth. Compact and plug-and-play, it's ideal for connecting peripherals and includes overcurrent protection for device safety.

## EzeeHub 23L USB HUB



- 3 USB 2.0 ports and 1 USB 3.0 for easy expansion
- Supports a data transfer rate of up to 5 Gbps
- 10 times faster than USB 2.0 products
- Plug-n-Play, hot-swappable
- Backward compatible with USB 1.1 and USB 2.0
- Overcurrent Protection
- Self Powered
- In build USB cable for convenient use.

The TwinMOS EzeeHUB-24L USB 2.0 Hub expands connectivity with four USB ports, supporting Upto 5Gbps bandwidth. Compact and plug-and-play, it's ideal for connecting peripherals and includes overcurrent protection for device safety.

# TwinMOS

## EzeeHub 34L-M USB HUB



- 4 USB3.0 ports for easy expansion
- Supports a data transfer rate of up to 5Gbps
- 10 times faster than USB2.0 products
- Plug-n-Play, hot-swappable
- Backward compatible with USB2.0 & USB1.1 specifications
- Overcurrent Protection
- Power LED Indication
- Self Powered (also available: optional power port)
- USB cable tucks away when not in use

The TwinMOS EzeeHUB-34L-M is a sleek 4-port USB 3.0 hub with fast 5 Gbps transfer speeds and a durable aluminum alloy build. It's plug-and-play, compatible with Windows and macOS, and includes overcurrent protection—perfect for expanding connectivity with style and reliability.

## micro SDXC

## TwinMOS MicroSDXC Card



- Support for UHS-3 ultrahigh-speed bus interface
- Extreme speeds of Up to 100MB/s reading and 30MB/s writing
- IOPS reaches 500 reading and 150 writing, surpassing the same class 10 fold.
- Support CPRM
- Compatible with SD slots by the adapter
- Low power consumption; support 3.3V

The TwinMOS MicroSDXC Card offers fast, reliable storage with read speeds up to 100MB/s, perfect for Full HD and 4K video recording. Available in multiple capacities, it's durable, widely compatible, and includes an SD adapter for versatile use.