

# araid<sup>®</sup> M6 Series

## Storage Raid Box

FIRST

High-Performance,  
Non-Stop RAID Box for PCIe



- Supports NVMe M.2 (PCIe Gen4 x4) interface for high-speed storage needs.
- PCIe Gen4 x4 host interface realizes high-speed data transfer.
- Supports RAID 1 and RAID 0, enhancing storage flexibility and efficiency.
- High-speed read/write and data backup rates in RAID 1 can be freely adjusted, enabling faster rebuild and enhancing data security.
- Enterprise-level SNMP management function facilitates management and monitoring of ARAID status.
- Hot-swap support for more convenient drive maintenance and replacement.
- Auto rebuild function ensures data continuity and integrity.
- OLED display, LED indicators, and buzzer alarm make monitoring the system status quick and easy.
- Powerful cooling fan for additional heat dissipation.
- Switch between automatic and manual rebuilding with the Single/Dual switch.  
Recover quickly from accidental deletion and computer viruses with an offline backup.

### Applications of High-Speed Data Transfer and Access



#### AI-Related Industries

AI Servers, AI PCs, Edge Computing



#### Semiconductor

AI-Assisted Automation on  
Production Lines



#### Server & Cloud Services

Massive IoT Computing



#### Financial Services

Backup Critical Data



#### Healthcare

Preserve Vital Case Information



#### Entertainment

High-speed Game Data Storage



#### Media

High-Definition Video Editing & Post-Production

### ARAID M6 Utility



The M6 Series Storage RAID Box comes with the ARAID M6 Utility, a user-friendly interface allowing easy configuration of RAID 0 and RAID 1 virtual disks and real-time monitoring of drive status. It also supports scheduled Consistency Check, Patrol Read, and Rebuilding, further enhancing data protection and significantly reducing the risk of data loss. Supported operating systems include Windows 8/10/11 and Linux.

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Front Panel

- I. Supports Hot Swap and Auto/Manual Rebuilding of 2 disk drives.
- II. OLED display & LED indicators show system status
- III. Function button & Single/Dual switch



Back Panel

- I. High-speed MCIO signal connector (supports PCIe Gen4 x4)
- II. GPU power connector
- III. 40 mm powerful cooling fan

## ARAID M6 Series Storage RAID Box Specifications

Host Interface	PCIe Gen4 x4, compatible with PCIe Serial
RAID Levels	RAID 1 or RAID 0 (Configured in ARAID M6 Utility)
Hot Swapping	Supported
OLED Display	Disk Drive Status: drive presence, rebuilding status, drive failure System Status: fan speed alert, temperature alert, system reset, buzzer on/off
LED Indicators	M6 system status
Function Button	Buzzer on/off
Drive Failure Alerts	OLED display, buzzer alarm (can be turned off)
Single/Dual Switch	Mirror-on-demand function (allows manual disk rebuilding). Protects data in the secondary disk from accidental deletion and viruses.
Cooling Fan	40 x 40 x 20mm cooling fan
Supported OS	Windows 8/10/11, Linux
Dimensions	146 mm (W) x 43 mm (H) x 191 mm (D) ± 2.0mm, Standard 5.25" bay x1
Weight	approx. 0.69kg (with disk drive and M.2 mounting accessories)
Power Supply	GPU power connector ( 6+2Pin, 12V, 3A, 36W)
Certifications	CE, FCC

ARAID M6 Model	M6M2
Drive Interface	NVMe PCIe M.2 (M.2 SATA not supported) Size : 22x80mm 、 22x110mm
Package Contents	ARAID M6M2 x1
	Drive Tray x2 (M.2 Tray x2, M.2 Mounting Bracket x2 pre-installed on tray)
	PCIe to MCIO Adapter Card x1, MCIO Cable L (600mm) x1, USB to UR Cable x1
	Accessory bag (Chassis Screws x8, M.2 Tray Screws x8, M.2 Mounting Screws x3, M.2 Thermal Pads x1, Keys x2)
Optional	USB Quick Setup Drive: ARAID M6 Utility, M6 Series driver, USB to UR driver, user manual



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