araid® M6 Series Storage Raid Box

FIRST High-Performance,
Non-Stop RAID Box for PCIe

Prevent Disaster

- Supports NVMe M.2 (PCIe Gen4 x4) interface for high-speed storage needs.
- PCIe Gen4 x4 host interface achieves 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
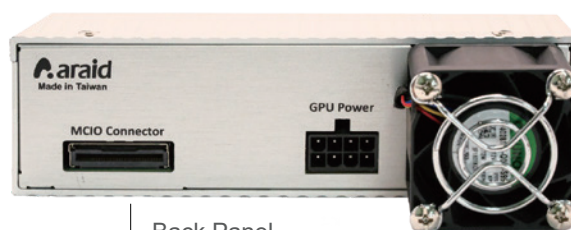
ARAID M6 Utility

YEAR 2025 BEST

The M6 Series Storage RAID Box comes with the M6 Utility for M6 Series, 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.

araid® M6 Series — Storage Raid Box

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.   MCIO high-speed 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 Serials
RAID Levels	RAID 1 or RAID 0 (Configured in M6 Series 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, M6 system reset (press and hold for 10 seconds)
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 169 mm (D) Standard 5.25" bay x 1
Power Supply	GPU Power Connector (6+2Pin,12V,3A,36W)
Certifications	CE, FCC

ARAID M6 Model	M6M2
HDD Interface	NVMe PCIe M.2 (M.2 SATA not supported)
Package Contents	ARAID M6M2 x 1
	Drive Tray x 2 M.2 cooling module x 2
	PCIe to MCIO adapter card x 1, MCIO Cable L (600mm) x 1
	Accessory bag (chassis screws x 4, Drive Tray screws x 8, M.2 cooling module screws x 12, M.2 thermal pads x 2, keys x 4)
Optional	USB Quick Setup Drive: M6 Series Utility, M6 Series driver, user manual