

## High-Speed Reliability, Always On Guard — ARAID® M6M2 Now Available



With the rapid advancement of AI edge computing and smart manufacturing, enterprises increasingly demand robust data security and system stability. Faced with massive data volumes and round-the-clock operational environments, traditional storage solutions struggle to deliver sufficient reliability and real-time assurance. To provide an efficient, stable, and remotely monitorable data backup solution, Accordance proudly introduces the **ARAID® M6M2**. Specifically engineered for AI edge nodes and smart manufacturing scenarios, it ensures your critical data remains secure at all times while maintaining uninterrupted system operation.

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### Why Data Backup Should Never Be Overlooked ?

In modern manufacturing and AI edge deployments, the number of devices continues to grow while data volumes explode. Single SSD or hard drive storage solutions can no longer meet high reliability demands. Data loss, system downtime, or production delays can all significantly impact operations.

Particularly in unattended or remote deployment environments, the absence of real-time monitoring mechanisms often leads to undetected failures, compromising system stability and operational security. Consequently, establishing reliable data backup and monitoring systems has become a critical strategy for enterprises to

safeguard data integrity.

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Data Guardian for AI Edge and Smart Manufacturing

**ARAID® M6M2 is engineered for high-intensity, 24/7 AI edge and smart manufacturing environments, delivering core capabilities and advantages:**

- **High-Speed PCIe 4.0 NVMe M.2 SSD**  
Delivers exceptional data transfer performance to support edge AI computing, image processing, and real-time analytics workloads.
  - **Flexible RAID Modes (RAID 0 / RAID 1)**  
Adapt to diverse scenarios: RAID 0 delivers high-speed caching, while RAID 1 provides mirrored redundancy to ensure data integrity.
  - **Hot-Swap Capability with Auto/Manual Rebuild**  
Enables rapid drive replacement and rebuild during failures, minimizing downtime and maintaining business continuity.
  - **Real-Time Monitoring and Alert Mechanism**  
Supports SNMP network management (coming soon), LED/OLED displays, and buzzer alerts. Even when deployed in remote or unmanned locations, system health status remains readily accessible.
  - **Ideal for Low-Maintenance Environments**  
Suitable for deployments requiring prolonged operation and minimal maintenance personnel, such as AI gateways, edge IP cameras, and smart manufacturing equipment.
  - **PCIe Gen4 high-bandwidth compatibility**  
Compatible with industrial control hosts and GPU inference platforms.
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Comprehensive Upgrade in System Performance and Data Security

With **ARAID® M6M2**, enterprises gain the following tangible benefits:

- **Significantly Enhanced Data Security**  
RAID mirroring with automatic rebuild functionality effectively prevents data loss, ensuring critical information security.
- **High System Availability and Uninterrupted Operation**  
Maintains stable system operation even in remote or unattended environments through real-time monitoring and automatic failover mechanisms.

- **Suitable for Multi-Scenario, Multi-Industry Deployment**

Applicable to diverse scenarios including AI edge nodes, smart factories, traffic monitoring, and medical information systems.

- **Reduced Maintenance Costs and Labor Burden**

Hot-swap and auto-rebuilding capabilities minimize manual intervention, enhance management efficiency, and support large-scale deployments.

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### Upgrade Your Data Backup Now to Safeguard Critical Information

With the rapid advancement of AI edge computing and smart manufacturing, data security has become a vital defense for business operations. The ARAID® M6M2 delivers a high-speed, reliable, and monitorable data backup solution, helping you establish the best defense for round-the-clock data protection and stable system operation.