

QUANT COMPUTE EDGE CR264



COMPACT 1U EDGE SERVER FOR SURVEILLANCE AND SMB INFRASTRUCTURE

The Quant Compute Edge CR264 is a compact and efficient 1U rackmount server engineered for edge computing, surveillance systems, and small-to-medium business environments. Designed to deliver stable performance with flexible storage and scalable architecture, it provides a reliable foundation for continuous operation in security and enterprise applications.

EDGE-READY PERFORMANCE

- Optimized for surveillance, access control, and SMB workloads
- Supports multi-core 64-bit processor architecture
- Stable performance for continuous 24/7 operations
- Efficient compute platform for edge deployment environments

RELIABLE SYSTEM DESIGN

- Compact 1U chassis with 4 hot-swappable drive bays
- Redundant power supply options for uninterrupted uptime
- Intelligent thermal design with adaptive cooling system
- Built for stable performance in demanding environments

FLEXIBLE STORAGE & EXPANSION

- Supports SAS, SATA, and optional U.2 storage configurations
- Expandable architecture with PCIe 4.0 slot support
- RAID support for data protection and system reliability
- Scalable storage for surveillance and enterprise data needs

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SECURE & SIMPLIFIED MANAGEMENT

- Integrated BMC for remote monitoring and system control
- Simplified deployment and maintenance operations
- Compatible with Windows and Linux environments

TECHNICAL SPECIFICATIONS

FEATURE	DESCRIPTION
Model	Compute Edge CR264
Form Factor	1U Rackmount Server
Processor	E2314 / E2336 Multi-core Processor
Memory	4 Slots DDR4 ECC (2133 / 2666 MHz)
Storage Bays	4 × 3.5"/2.5" SAS/SATA (Optional U.2)
Storage Controller	RAID 0, 1, 5, 6, 10 (Optional RAID Card)
Network Interface	2 × 1GbE + 1 × BMC Port
Expansion Slots	1 × PCIe 4.0
Power Supply	350W PSU or 1+1 Redundant
Cooling	3+1 Redundant Smart Fans
Management	BMC Remote Management Support
Operating System	Windows / Linux Compatible
Dimensions (W × D × H)	440 × 680 × 44 mm
Operating Temperature	+5°C to +40°C
Humidity	10% – 90% Non-condensing

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TECHNICAL SPECIFICATIONS

FEATURE	DESCRIPTION
Certifications	CE, FCC, ISO 14001:2015
Country of Origin	Malaysia
Warranty	3 Years

APPLICATIONS

- Security and Surveillance Systems
- Access Control and Time Attendance Servers
- SMB IT Infrastructure Deployment
- Edge Computing for Industrial Applications
- Smart Building and Facility Management Systems

APPLICATIONS

The CR264 is designed for compact deployments where space, reliability, and cost efficiency are critical. It provides a stable and scalable platform for surveillance recording, access control systems, and edge computing environments, ensuring continuous operation with flexible storage and remote management capabilities.

- Ideal for small to mid-scale surveillance deployments
- Supports reliable 24/7 system operation
- Flexible storage and RAID for data security
- Optimized for edge and distributed infrastructure

