

RE0924

INDUSTRIAL WORKSTATION



Dual 2.5 Gb
ethernet



Intel® Core™
Processors



Up to 4 PCIe



Lightweight,
aluminum
construction



300w AC



Up to 4 2.5"
SSD removable
drives



DURABLE AND VERSATILE FOR SUBOPTIMAL ENVIRONMENTS

Field-tested, with long-life performance in extreme conditions. The feature-rich RE0924 embedded compute system offers both industrial workstation and mid-tier server capabilities in hot, dirty, dusty, and humid environments. Easily configurable to meet specific customer requirements, the RE0924 boasts advanced thermal performance combined with robust storage and I/O options.

Crystal Group provides a 5-year warranty and forward-looking configuration management to enhance the long-term investment of your compute solution.



USE CASES

- Industrial workstation
- Remote monitoring and logging
- Communications and messaging display
- Mid-range server in demanding environments

CRYSTAL GROUP RE0924 TECHNICAL SPECIFICATIONS

Mechanical	Height: 10.6" (26.92 cm)
	Width: 6.2" (15.75 cm)
	Depth: 15" (38.1 cm) excluding connectors
	Weight: 13-18 lbs. (5.90- 8.16 kg) depends on card content (fully loaded)
CPU Architecture	Intel® Core™ Processors
Expansion	1 PCIe 5.0 x16 slot
	2 PCIe 4.0 x4 slots
Cooling	High speed, high volume thermostatically controlled fans, air over components cooling design
Memory	Up to 128GB DDR5, ECC
Storage	Up to four removable 2.5" drives
Power Supply	110-220VAC (300w)
Software Compatibility	Windows 11®, Windows Server®, VMWare®, Linux®

ENVIRONMENTAL TESTING STANDARDS

Environmental Engineering Considerations and Laboratory Tests	Operational Temperature, Method 501, Procedure I/II: 0°C to +50°C, with solid state drives ¹
	Storage, Method 501, Procedure I/II: -55°C to +85°C ¹
	Humidity, Method 507, Procedure II: 240 hours with humidity kit ²
	Altitude, Method 500: 12,500ft operation, 40,000ft transport ²
	Vibration, Method 514, Procedure I: 2gRMS, 5-2000Hz ¹
	Shock, Method 516, Procedures I/V: 2G, half sine, 11ms

In-house test reports provided for baseline units; customer-specific test options available upon request.

1: Test report available

2: Testing in progress

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