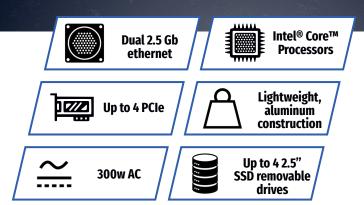


RE0924 INDUSTRIAL WORKSTATION





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

Height: 10.6" (26.92 cm) **Width:** 6.2" (15.75 cm)

Mechanical 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

Operational Temperature, Method 501, Procedure I/II: 0°C to +50°C, with solid state drives¹

Environmental Storage, Method 501, Procedure I/II: -55°C to +85°C1

Engineering

Considerations and
Laboratory Tests

Humidity, Method 507, Procedure II: 240 hours with humidity kit²

Altitude, Method 500: 12,500ft operation, 40,000ft transport²

Vibration, Method 514, Procedure I: 2gRMS, 5-2000Hz¹

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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