

RCS8200

RUGGED SWITCH



24 ports



RJ-45 Copper
or SFP



1/10/25 SFP28
uplinks



AC or DC
power supply
options



Advanced Layer 3
routing capable



Front I/O



INTELLIGENT, SCALABLE, EDGE SWITCH TECHNOLOGY

The rugged RCS8200 series of switches are purpose-built to provide wired connectivity at the tactical edge with plug-and-play functionality. These networking switches build on the proven reliability of the RUCKUS® ICX® 8200 series, combined with our tried-and-true hardware ruggedization techniques.

Tested to tough environmental standards, the RCS8200 delivers the performance, flexibility, and scalability required for the most demanding edge environments.

The RCS8200 offers future-ready 1/10/25GbE uplink ports to eliminate bottlenecks between network layers and ensure an uninterrupted user experience in high-density wireless environments.

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

USE CASES

- Cybersecurity protection
- Sensor data aggregation
- Edge client uplink
- Intelligence forwarding
- Enterprise routing

CRYSTAL GROUP RCS8200 TECHNICAL SPECIFICATIONS

	RCS8200-24C	RCS8200-24F
Mechanical	Height: 1U Width: 17.46" (44.35cm) Depth: 10.45" (26.54cm) Weight: 7.5-7.9lbs (3.4kg-3.6kg)	
Cooling	Forced air convection via internal, high-reliability fans	
Mounting	Glides or fixed; mounts in standard EIA-310 rack	
Power Supply	Option 1: AC: 85-264VAC @50/60hz, 115VAC 400hz Option 2: DC: 18-36VDC Option 3: DC: 36-72VDC	

ENVIRONMENTAL TESTING STANDARDS¹

MIL-STD-810: Environmental Engineering Considerations and Laboratory Tests	Operational Temperature , Method 501/502 Procedure I/II Vibration , Method 514, Procedure I Shock , Method 516, Procedures I/V Humidity , Method 507 Altitude , Method 500
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SWITCH FEATURES

Downlink Ports	24x 10/100/1000 Mbps RJ-45	24x 100/1000 Mbps SFP
Uplink/Stacking Ports	4x 1/10/25 Gbps SFP/SFP+/SFP28	4x 1/10/25 Gbps SFP/SFP+/SFP28
Console Ports	1x USB-C, 1x RJ-45 Serial	1x USB-C, 1x RJ-45 Serial
OOB Port	1x RJ45 Ethernet	
External Storage Port	1x USB-A	
Switching Capacity	248 Gbps (full duplex)	
Forwarding Capacity	184 Mpps (full duplex)	
Aggregated Stacking Bandwidth	1.2 Tbps (full duplex)	
Stacking Density	12 switches	
Maximum Stacking Distance	10km	
Base IPv4/v6 Layer 3 Routing (static routing, RIP)	Yes	
Advanced IPv4/v6 Layer 3 (OSPF, VRRP, VRF, GRE, PIM, PBR)	With license upgrade	

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

¹: Test report available

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