ICX7750 | RUCKUS ICX 7750 Switches

High-End Enterprise-Class Stackable Core/Aggregation Switch with 40GbE

- Industry-leading 10/40 Gbps Ethernet port density and flexibility
- Up to 32x40 GbE or 96x10 GbE ports per unit
- Up to 5.76 Tbps of aggregated stacking bandwidth with full redundancy
- Up to 10km between stacked switches
- 6 full-duplex 40 Gbps stacking ports per switch
- Software updates without downtime with In-Service Software Upgrades (ISSU)
- Instantaneous hitless failover
- Redundant power supplies with hot-swappable, and load-sharing capabilities
- Flexible distributed chassis stacking architecture
- Start small and add capacity via stacking as needs grow
- 1U form factor saves rack space and power in wiring closets
- Works seamlessly with RUCKUS Wi-Fi access points
- With RUCKUS SmartZone support delivers unified wired & wireless management

The RUCKUS ICX 7750 delivers chassis performance in the network's aggregation and core switching operations. The switch's premier speed and reliability in a flexible scale-out design enables a small deployment to add capacity as needs grow and deliver mission critical application services with complete confidence.

The ICX 7750 provides the capabilities of a chassis with the flexibility and cost-effectiveness of a stackable switch. The switch delivers faster network response time via wire-speed, non-blocking performance across all ports to support latency-sensitive applications such as real-time voice or video streaming and Virtual Desktop Infrastructure. Up to 12 ICX 7750 switches can be stacked together to provide terabytes of aggregated stacking bandwidth with full redundancy, eliminating inter-switch bottlenecks.

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Product Type	Ethernet switch
Product Brand	RUCKUS®

General Specifications

Switching Capacity, maximum	2560 Gb/s
1 GbE RJ45 Ports, quantity, maximum	48
1 GbE SFP Ports, quantity, maximum	48
10 GbE SFP+ Ports, quantity, maximum	96
10 GbE RJ45 Ports, quantity, maximum	48
40 GbE QSFP Ports, quantity, maximum	32
Switches per Stack, maximum	12
Aggregate Stack Bandwidth, maximum	5760 Gb/s

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Stacking	Yes
sFlow	Yes
Layer 3 (STATIC, RIP, OSPF)	Yes
OpenFlow with Hybrid Port Mode	Yes
Campus Fabric Technology	Yes
Redundant Power Option	Yes
Hot Swap Internal Power Supplies & Fans	Yes
VRF	Yes
BGP	Yes
Reversible Airflow Option	Yes
VxLAN	Yes

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