RUCKUS ICX 8200: Powering Next-gen Networks

Next-gen networks—what you need them to do

Today’s networks need to be optimized for wireless-first and internet of things (IoT) connectivity. You need a flexible network infrastructure that supports both multigigabit fiber and copper connectivity plus high power over Ethernet (PoE) power at the edge and fiber to the room (FttR).

Key features include:

- **Unmatched connectivity options**: gigabit, multigigabit edge ports and FttR in a single stackable switch series.
- **High power delivery**: power next-generation wireless APs and IoT devices with up to 90 W per port of PoE and high PoE budget up to 1480 W per unit.
- **Maximum performance**: 2.5/5/10 GbE edge ports for latest multigigabit Wi-Fi APs with support for Wi-Fi 6, Wi-Fi 6E, Wi-Fi 7 and beyond.
- **Deployment flexibility**: RUCKUS signature advanced stacking capabilities, up to 12 units on standard SFP+/SFP28 fiber ports up to 10 km makes deployment simpler and eliminates need for specialized hardware for stacking.
- **Enhanced security and data privacy**: with VXLAN support for advanced network segmentation and data confidentiality.
- **Switching on the future with RUCKUS ICX 8200**

RUCKUS ICX 8200 access switches are tailored to enable next-generation wireless-first and IoT networks. They offer manageability, performance, and reliability with the flexibility, cost-effectiveness, and “pay as you grow” scalability of a stackable solution.

- **Up to 8x 25 Gbps SFP28 dual-mode uplink/stacking ports** eliminate uplink bottlenecks and deliver low latency for cloud applications.
- **Three years technical assistance plus center support** in addition to limited lifetime warranty with every ICX 8200.

Power-over-Ethernet (PoE) ports are forecast to compose more than half of the total switch port shipments by 2027. (Dell’Oro Group)

$100 billion will be spent on switches over the next five years. (Dell’Oro Group)

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