

RUCKUS® ICX 8200

Enterprise-class stackable access switch with future-proof expandability

The RUCKUS ICX 8200 Switch series is purposely designed to handle next generation wireless first and IoT campus networks. These intelligent, scalable edge switches deliver enterprise-class functionality at an affordable price without compromising performance and reliability.

The RUCKUS ICX 8200 raises the bar with up to 8× 25 GbE ports for uplinks or stacking, PoE++ (802.3bt), VXLAN, advanced L2/L3 features and market-leading stacking density with up to 12 switches per stack. In addition, the RUCKUS ICX 8200 combines enterprise-class features, manageability, performance, and reliability with the flexibility, cost-effectiveness, and “pay as you grow” scalability of stackable solution.



Benefits

Maximum flexibility: Gigabit, Multigigabit edge ports and Fiber to the Room

- Optimized for latest generation Wi-Fi 6/6E/7 AP deployments with multigigabit ports.
- 8, 24 and 48 Gigabit Ethernet ports
- Up to 24x 1/2.5G Multigigabit RJ45 ports
- Up to 4x 1/2.5/5/10 Gbps Multigigabit RJ-45 ports
- Up to 48x 1G SFP fiber ports
- Up to 24x 10G SFP+ fiber ports

Power next generation APs and PoE devices

- PoE+ 802.3at, 30W per port on all ports
- PoE++ 802.3bt, 60/90W on multigigabit ports
- Up to 1480W PoE budget with two power supplies

25 GbE uplinks/stacking for maximum performance and future-proofing

- Stacking comes standard with all ICX 8200
- Up to 8x 1/10/25GbE SFP28 fiber ports for uplink and/or stacking

Enhanced Security and data privacy

- VXLAN* support for advanced network segmentation and data confidentiality

Advanced L3 routing delivers network design flexibility

- IPv4 and IPv6 L3 routing
- Static routes, RIP, OSPF, VRRP, VRF, GRE, PIM, PBR

Broad range of unified management options for maximum flexibility

- On Premises: SmartZone
- Cloud Based: RUCKUS Cloud*
- Controllerless: RUCKUS Unleashed*
- RUCKUS Analytics

Enhanced availability

- Redundant, load-sharing power supplies and fans on specific models

Services and Support Included

- 3 Years remote TAC support included with every ICX 8200 model
- Limited lifetime warranty

RUCKUS ICX 8200 with RJ45 Copper ports and fixed power supply and fans

These stackable RUCKUS ICX 8200 models offer a single integrated power supply, one RJ-45 Ethernet port for out-of-band network management, one USB Type-C port for console management, one RJ-45 port for serial console management, and one USB port for external file storage.



ICX 8200-24

- 24× 10/100/1000 Mbps RJ-45 ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports



ICX 8200-24P PoE

- 24× 10/100/1000 Mbps RJ-45 PoE+ ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 370 W PoE budget. PoE+ 802.3at



ICX 8200-24ZP Multigigabit PoE

- 24× 100/1000/2500 Mbps RJ-45 PoE++ 90W ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 740 W PoE budget.



ICX 8200-48

- 48× 10/100/1000 Mbps RJ-45 ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports



ICX 8200-48P PoE

- 48× 10/100/1000 Mbps RJ-45 PoE+ ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 370 W PoE budget. PoE+ 802.3at



ICX 8200-48PF PoE

- 48× 10/100/1000 Mbps RJ-45 PoE+ ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 740 W PoE budget. PoE+ 802.3at

RUCKUS ICX 8200 with hot-swap power supplies and fans

These stackable RUCKUS ICX 8200 models offers 2 slots for redundant hot swappable load sharing power supplies, 2 slots for hot swappable fans, one RJ-45 Ethernet port for out-of-band network management, one USB Type-C port for console management, one RJ-45 port for serial console management, and one USB port for external file storage.



ICX 8200-48PF2 PoE

- 48× 10/100/1000 Mbps RJ-45 PoE+ ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 1440 W PoE budget with two PSUs (740W with one PSU)
- Dual hot swappable power supplies and fans



ICX 8200-48ZP2 Multigigabit PoE

- 32× 10/100/1000 Mbps RJ-45 PoE+ ports
- 16× 100/1000/2500 Mbps RJ-45 PoE++ 90W ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports
- 1480 W PoE budget with two PSUs (740W with one PSU)
- Dual hot swappable power supplies and fans

RUCKUS ICX 8200 Compact

These RUCKUS ICX 8200 compact switches offer a single integrated power supply, one USB Type-C port for console management, one RJ-45 Ethernet port for out-of-band network management, one RJ-45 port for serial console management, and one USB port for external file storage.



ICX 8200-C08PF PoE

- 8× 10/100/1000 Mbps RJ-45 PoE+ ports
- 2× 1/10GbE uplink/stacking SFP+ ports
- 124 W PoE budget PoE+ 802.3at



ICX 8200-C08ZP Multigigabit PoE

- 4× 100/1000/2500 Mbps RJ-45 PoE++ 90W ports
- 4× 1/2.5/5/10 Gbps RJ-45 PoE++ 90W ports
- 2× 1/10/25 GbE uplink/stacking SFP28 ports
- 240 W PoE budget

RUCKUS ICX 8200 Fiber

These stackable RUCKUS ICX 8200 models offer a single integrated power supply, one RJ-45 Ethernet port for out-of-band network management, one USB Type-C port for console management, one RJ-45 port for serial console management, and one USB port for external file storage



ICX 8200-24F Fiber

- 24× 1GbE SFP ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports



ICX 8200-48F Fiber

- 48× 1GbE SFP ports
- 4× 1/10/25 GbE uplink/stacking SFP28 ports



ICX 8200-24FX 10G Fiber

- 16× 1/10GbE SFP+ ports
- 8× 1/10/25 GbE uplink/stacking SFP28 ports