

THE RUCKUS ICX ADVANTAGE

QUICK REFERENCE GUIDE

RUCKUS ICX SWITCHES SIMPLIFY NETWORK DEPLOYMENT AND PROTECT YOUR INVESTMENT FOR YEARS TO COME

RUCKUS® offers a complete line of switches from edge to core designed to work with RUCKUS wireless products to deliver a scalable, high-performance easy to deploy network solution that supports the most demanding environments.

RUCKUS ICX PRODUCT OFFERING

ICX 7150



Entry level switch with advanced features for its class, very competitively positioned

- Stacking included, software upgradable uplink/stacking port speed up to 4x 10 Gbps
- Silent operation with fanless design or fanless mode setting
- Highest PoE budget in its class (740W 1RU, 124W compact), Limited Lifetime Warranty
- Layer 3 features, stacks up to 12 across 7150 family, Campus Fabric PE

ICX 7150 Z-SERIES



The only entry level switch with 2.5 Gigabit Ethernet ports on the market today

- 16x 2.5 GbE PoH ports, Hot Swappable power supplies/fans
- Stacking included, software upgradable uplink/stacking port speed up to 8x 10 Gbps
- Highest PoE budget in its class (1,480W), Limited Lifetime Warranty
- Layer 3 features, Stack up to 12 across 7150 family, Campus Fabric PE

ICX 7250



Entry level plus switch with external power supply option

- Stacking included, software upgradable uplink/stacking port speed up to 8x 10 Gbps
- Stacks up to 12 units, external power option for redundancy and extra PoE budget
- Limited Lifetime Warranty, free three year support included
- Layer 3 features, up to 480 Gbps aggregated stacking bandwidth Campus Fabric PE

ICX 7450



Midrange highly flexible switch with hot swappable power supplies and fans

- Ultimate flexibility with 3 modular slots for up to 12 x 10 GbE or 3 x 40 GbE ports
- Hot Swappable power supplies/fans, up to 90W of PoE power per port, Limited lifetime warranty
- Advanced Layer 3, BGP, GRE tunneling. Campus Fabric PE, IPsec, MACsec

ICX 7650



High-end access, with 2.5/5/10 GbE ports and 1/10G aggregation with SFP+ ports

- 40 GbE & 100 GbE uplink/stacking ports for highest performance and future-proofing
- Up to 24x 1/2.5/5/10GbE Multigigabit Ethernet ports or 24x 10GbE SFP+ ports
- Hot swap power supplies and fans, Campus Fabric CB

ICX 7750



High end 10/40 GbE 1RU chassis replacement switch for campus aggregation/core

- Unprecedented 1RU port density with up to 96 x 10 GbE or 32 x 40 GbE ports
- Distributed chassis architecture, up to 12x 40 Gbps stacking ports, Campus Fabric CB
- Advanced L3 features like VRRPe, BGP, IPv6 support, Multi-Chassis Trunking (MCT)

WHAT SETS RUCKUS ICX SWITCHES APART

PERFORMANCE



All ICX switches are non blocking and RUCKUS is first to market with a 100 GbE solution for the campus. RUCKUS delivers multigigabit switches that are ready for the next generations AC and AX wireless technologies.

Elimination of STP inefficiency: RUCKUS fabric runs from a unified control and forwarding plane, eliminating the need to deploy spanning tree. All links between switches are active at all times.

IT EXPERIENCE



Single user interface and single network operating system for deploying, managing, and troubleshooting, RUCKUS access points and ICX switches with RUCKUS SmartZone.

A large set of well documented APIs enables DevOps and 3rd party applications and scripts to invoke provisioning, configuration and real-time monitoring of APs, switches and all devices under management.

DEPLOYMENT SIMPLICITY



With advanced stacking and campus fabric, you can manage your network as if it was one logical switch. Just a single point of management.

An entire RUCKUS campus fabric, up to 40 switches, is managed as a single logical switch, The network administrator can deploy network policies across the campus from a single point of management. With Zero Touch Provisioning, you can just plug your switch and it will get the latest software and config file automatically.

CAPEX/OPEX



Every ICX switch is designed to be upgradable, no rip and replace, you can simply upgrade uplink ports speed and all switches are backed up by a limited life time warranty.

"Pay as you grow" design: The fabric fixed form factor based design enables cost-effective scale-out networking. Unlike traditional chassis-based aggregation switches, no excess idle capacity is required, and no "fork-lift" upgrade is needed to advance to the next capacity level.

INNOVATION



Campus Fabric, Long Distance Stacking, stacking on standard Ethernet ports and 90W PoE are all innovative RUCKUS exclusive technologies

TARGET INDUSTRIES



Education



Enterprise



Government



Hospitality
MDU



Retail



Service
provider

COMMSCOPE BY THE NUMBERS

100K

End
customers

8,000+

Partners

150

Countries

200+

Service
providers

#1

Hospitality
Wi-Fi

#1

Service
provider Wi-Fi