

ICX 7550 series models

RUCKUS ICX 7550 SERIES

The RUCKUS ICX 7550 Series switches support up to 2 redundant hot swappable load sharing power supplies (AC or DC), up to 3 hot swappable fans (exhaust or intake airflow), 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.

The ICX 7550 offers two 40GbE QSFP+ or two 40/100 GbE QSFP28 uplink/stacking ports (see below for details)

One optional uplink/stacking module may also be installed.

	RUCKUS ICX 7550 24 Gigabit Ports • 24-port 10/100/1000 Mbps • 2-port 40 Gbps Uplink/Stack QSFP+, expansion module slot
	RUCKUS ICX 7550 48 Gigabit Ports • 48-port 10/100/1000 Mbps • 2-port 40 Gbps Uplink/Stack QSFP+, expansion module slot
	RUCKUS ICX 7550 24 Gigabit Ports with POE • 24-port 10/100/1000 Mbps 802.3at POE+ • 2-port 40 Gbps Uplink/Stack QSFP+, expansion module slot • 24-PoE port 802.3at, up to 30W per port, up to 1900W PoE budget • Perpetual and Fast-boot POE on all ports
	RUCKUS ICX 7550 48 Gigabit Ports with POE • 48-port 10/100/1000 Mbps 802.3at POE+ • 2-port 40 Gbps Uplink/Stack QSFP+, expansion module slot • 48-PoE port 802.3at, up to 30W per port, up to 1900W PoE budget • Perpetual and Fast-boot POE on all ports
	RUCKUS ICX 7550 24 Multi-Gigabit Ports with POE • 24-port 100/1000 Mbps/2.5/5/10 Gbps 802.3bt POE (ICX 7550-24XZP model) • 12-port 100/1000 Mbps/2.5 Gbps, 12-port 100/1000 Mbps/2.5/5/10 Gbps 802.3bt POE (ICX 7550-24ZP model) • 2-port 40/100 Gbps Uplink/Stack QSFP28, expansion module slot • 24-PoE port 802.3bt, up to 90W per port, up to 1900W PoE budget • Perpetual and Fast-boot POE on all ports
	RUCKUS ICX 7550 48 Multi-Gigabit Ports with POE • 36-port 100/1000 Mbps/2.5 Gbps 802.3bt POE, • 12-port 100/1000 Mbps/2.5/5/10 Gbps 802.3bt POE • 2-ports 40/100 Gbps Uplink/Stack QSFP28, expansion module slot • 24-PoE port 802.3bt, up to 90W per port, up to 1900W PoE budget • Perpetual and Fast-boot POE on all ports
	RUCKUS ICX 7550 24 Fiber Ports • 24-port 1/10 Gbps • 2-ports 40/100 Gbps Uplink/Stack QSFP28, expansion module slot
	RUCKUS ICX 7550 48 Fiber Ports • 36-port 100/1000 Mbps SFP • 12-port 1/10 Gbps SFP+ • 2-ports 40/100 Gbps Uplink/Stack QSFP28, expansion module slot
	RUCKUS ICX 7550 Rear View • 2 hot-swap load sharing power supplies (N+1, choice of AC/DC and standard/reversed airflow) • 3 hot-swap fans (N+1 redundancy) • USB storage, RJ45 serial port, RJ45 Ethernet management port

OPTIONAL UPLINK/STACKING MODULES

	RUCKUS ICX 7650/7550 1X100GQ Module • 1x40/100GE QSFP28 uplink port • Delivers up to 100 Gbps of uplink bandwidth • Only available for -24ZP, -24XZP, -48ZP, -24F, 48F models
	RUCKUS ICX 7650/7550 2X40GQ Module • 2x40GE QSFP+ uplink port • Delivers up to 80 Gbps of uplink bandwidth
	RUCKUS ICX 7650/7550 4X10GF Module • 4x10GE SFP+ uplink port with MACsec 128-bit or 256-bit support • Delivers up to 40 Gbps of uplink bandwidth
	RUCKUS ICX 7550 4X25GF Module • 4x25GE SFP+ uplink port with MACsec 128-bit or 256-bit support • Delivers up to 100 Gbps of uplink bandwidth • Only available for -24ZP, -24XZP, -48ZP, -24F, 48F models

PORT SUPPLIES OPTIONS

	RUCKUS RPS22 AC PoE Power Supplies with standard or reversed airflow • Up to 1200W (@180-240V) power rating • Up to 1000W (@180-240V) PoE budget (1900W with 2 power supplies) • Supported on the RUCKUS ICX 7550-24/48P and ICX 7650-24/48ZP • Power supply side exhaust front-to-back (RPS22-E) or power supply side intake back-to-front (RPS22-I) airflow for maximum flexibility in DC deployment
	RUCKUS RPS21 AC No-PoE Power Supplies with standard or reversed airflow • 400W power rating • Supported on the ICX 7550-24/48 and ICX 7550-24/48F • Power supply side exhaust front-to-back (RPS21-E) or power supply side intake back-to-front (RPS21-I) airflow for maximum flexibility in DC deployment
DC, No-POE	RUCKUS RPS21DC DC No-PoE Power Supplies with standard or reversed airflow • 400W power rating • Supported on the ICX 7550-24/48 and ICX 7550-24/48F • Power supply side exhaust front-to-back (RPS21DC-E) or power supply side intake back-to-front (RPS21DC-I) airflow