









# RUCKUS PRODUCT GUIDE

## ICX SWITCHES











	Access			Access / Aggregation			Aggregation / Core	
								
Feature	ICX 7150-Compact	ICX 7150	ICX 7150 Z-Series	ICX 7450	ICX 7550	ICX 7650	ICX 7750	ICX 7850
Switching Capacity (max)	120Gbps	180Gbps	304Gbps	336Gbps	1,020Gbps	1.128Tbps	2.56Tbps	6.4Tbps
1GbE RJ-45 ports	10 or 12 +2	24 +2 or 48 +2	48	24 or 48	24 or 48	48	48	48
1GbE SFP ports	2	4	8	48	48	48	48	48
1/2.5GbE RJ-45 ports (max)	8		16		12 or 36			
1/2.5/5/10GbE RJ-45 ports (max)	2				12	24		
10GbE SFP+ ports (max)	2	4	8	12	24	24 +4	96 <sup>1</sup>	128 <sup>1</sup>
10GbE RJ-45 ports (max)	2			12		24	48	48
25GbE SFP28 ports								48
40GbE QSFP+ ports (max)				3	4	2	32	
100GbE QSFP28 ports (max)					3	2		32
PoE Power Budget (max)	240W	740W	1480W	1480W	2000W	1500W		
Switches per stack (max)	12	12	12	12	12	12	12	12
Aggregate stack bandwidth	240Gbps	480Gbps	480Gbps	960Gbps	2.4Tbps	2.4Tbps	5.76Tbps	9.6Tbps

<sup>1</sup> Requires QSFP+ splitter cables

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PoE/PoE+	✓	✓	✓	✓	✓	✓		
Long-Distance Stacking	✓ <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓
sFlow	✓	✓	✓	✓	✓	✓	✓	✓
Layer 3 (STATIC, RIP, OSPF)	✓	✓	✓	✓	✓	✓	✓	✓
OpenFlow with Hybrid Port Mode	✓	✓	✓	✓	✓	✓	✓	✓
RUCKUS Campus Fabric	✓ <sup>1</sup>	✓	✓	✓		✓	✓	✓
Redundant Power Option			✓	✓	✓	✓	✓	✓
PoH (90W PoE power per port)	✓		✓	✓	✓	✓		
Hot Swap Internal power supplies and fans			✓	✓	✓	✓	✓	✓
EEE (Energy Efficient Ethernet)		✓	✓	✓	✓	✓ <sup>2</sup>		
VRF				✓	✓	✓	✓	✓
IPsec VPN (with service module)				✓				
MACsec				✓	✓	✓		✓
BGP				✓	✓	✓	✓	✓
Reversible airflow option				✓	✓	✓	✓	✓
VxLAN					✓ <sup>2</sup>	✓	✓	✓
Multi Chassis Trunking (MCT)						✓	✓	✓
Unified network management options	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> </ul>	<ul style="list-style-type: none"> <li>• SmartZone</li> <li>• Unleashed</li> <li>• RUCKUS Cloud</li> </ul>

<sup>1</sup> Stacking and Campus Fabric not supported on ICX7150-C08P.

<sup>2</sup> Available in a future software release.