



關於 Ruckus

CommScope 旗下子公司 Ruckus Networks，是一家電信業者等級 Smart WiFi 產品及技術的全球供應商。Ruckus 參與行動網際網路基礎架構及企業無線區域網路系統的全球市場。為電信業者研發出業界首款調適性 WiFi 技術而享有盛譽。



Ruckus Smart Wi-Fi 技術改寫了無線網路的彈性、可靠性及價格適宜性。自從 2004 年開始營運以來，一直特別著重在無線應用的普及效能，並持續在效能創新方面領先業界。從不倚賴現有的參考設計射頻技術，因為它們無法實現高效能無線所需的容量、涵蓋範圍或干擾消除。

從學校、飯店、商場、醫院、政府單位、一般企業，到體育場、大型運動賽事、甚至是智慧城市，無線網路的需求無所不在。尤其是現在因為智慧型手機、平板電腦等行動裝置的普及，以及未來物聯網 (IOT, Internet On Things) 的持續發展，WLAN 無線網路絕對是 IT 資訊架構中不可或缺的一環。

Ruckus 的業務多元廣泛、遍佈全球且橫跨各種垂直市場，擁有廣受好評的工程技術，其領先業界的產品效能及公司成就更榮獲 50 種以上的業界獎項。

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RUCKUS PRODUCT GUIDE – Indoor Access Points

	R850	R750	R730	R720	R710
Feature/Description					
	High-end 802.11ax 8x8 dual-concurrent AP with MU-MIMO, BeamFlex+ and 5Gbps backhaul	High-end 802.11ax 4x4 dual-concurrent AP with MU-MIMO, BeamFlex+ and 2.5Gbps backhaul	High-end 802.11ax 8x8 dual-concurrent AP with MU-MIMO, BeamFlex+ and 5Gbps backhaul	High-end 802.11ac Wave 2 dual-concurrent AP with MU-MIMO, BeamFlex+ and 2.5Gbps backhaul	High-end 802.11ac Wave 2 dual-concurrent AP with MU-MIMO and BeamFlex+
Maximum PHY rate	4800 Mbps (5GHz) 1148 Mbps (2.4GHz)	2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	4800 Mbps (5GHz) 1148 Mbps (2.4GHz)	1733 Mbps (5GHz) 600 Mbps (2.4GHz)	1733 Mbps (5GHz) 600 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ax (2.4 GHz, 5GHz)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)
Concurrent users	1024	1024	1024	512	512
Radio chains:streams	5GHz: 8x8 MU-MIMO 2.4GHz: 4x4 MU-MIMO	4x4-4	8x8-8	4x4-4	4x4-4 SU-MIMO 4x4-3 MU-MIMO
Antenna patterns (per band)	4,000+	4,000+	4,000+	4,000+	4,000+
Antenna gain	Up to 2dbi	Up to 3dbi	Up to 2dbi	Up to 3dbi	Up to 3dbi
PD-MRC	✓	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-101dBm	-102dBm	-103/-101dBm	-104dBm	-104dBm
ChannelFly	✓	✓	✓	✓	✓
SmartMesh	✓	✓	✓	✓	✓
USB (IoT Ready)	✓	✓	✓	✓	✓
Ethernet ports	1x 1GbE 1x 10/100/1000 Mbps	1x 1GbE 1x 2.5GbE	1x 1/2.5 Gbps 1x 10/100/1000 Mbps	1 x 1GbE and 1 x 2.5GbE	2 x 1GbE
Integrated BLE/ZigBee	✓	✓	✓	—	—
WLAN Control and Management	<ul style="list-style-type: none"> ZoneDirector SmartZone Unleashed 	<ul style="list-style-type: none"> ZoneDirector SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> ZoneDirector SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> ZoneDirector SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> ZoneDirector SmartZone Unleashed RUCKUS Cloud



RUCKUS IoT Modules

i100	
Protocol	<ul style="list-style-type: none"> Zigbee 3.0, BLE iBeacon, Eddystone (software configurable)
Device Capacity	<ul style="list-style-type: none"> 25 (Zigbee) 12 (BLE)
Interfaces	<ul style="list-style-type: none"> USB 2.0, Type A
Memory	<ul style="list-style-type: none"> RAM: 256KB Flash: 1MB
Output Power	<ul style="list-style-type: none"> 16.5dBm (max)
Power Consumption	<ul style="list-style-type: none"> 500mW (max)
Current Draw	<ul style="list-style-type: none"> -100mA on 5V (max)
Mechanical	<ul style="list-style-type: none"> Dimensions: 47.83 x 18 x 8.25mm Max weight: 85 grams
Temperature	<ul style="list-style-type: none"> -40 to 70°C
Certifications	<ul style="list-style-type: none"> FCC and ETSI

RUCKUS PRODUCT GUIDE – Indoor Access Points

	R650	R610	R550	R510	R350	R320
Feature/Description	Mid-range Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+	Mid-range 802.11ac Wave 2 dual-concurrent AP with MU-MIMO and BeamFlex+	Mid-range Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+	Mid-range 802.11ac Wave 2 dual-concurrent AP with MU-MIMO and BeamFlex+	Entry level Wi-Fi 6 (802.11ax) dual-concurrent AP with BeamFlex+	Entry level 802.11ac Wave 2 dual-concurrent AP with BeamFlex
Maximum PHY rate	2400 Mbps (5GHz) 574 (2.4GHz)	1300 Mbps (5GHz) 450 Mbps (2.4GHz)	1200 Mbps (5GHz) 574 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	1200 Mbps (5GHz) 574 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ac (5GHz) 802.11n (2.4GHz)
Concurrent users	512	512	512	512	256	256
Radio channels/streams	5GHz: 4x4:4 MU-MIMO 2.4GHz: 2x2:2 MU-MIMO	3x3:3	2x2:2	2x2:2	2x2:2	2x2:2
Antenna patterns (per band)	128	512	64	64	64	64
Antenna gain	Up to 3dBi	Up to 3dBi	Up to 3dBi	Up to 3dBi	Up to 3dBi	Up to 3dBi
PD-MRC	✓	✓	✓	✓	✓	—
Rx sensitivity (2.4/5GHz)	-101dBm	-100dBm	-103dBm	-103dBm	-101dBm	-101dBm
ChannelFly	✓	✓	✓	✓	✓	✓
SmartMesh	✓	✓	✓	✓	✓	—
USB (IoT Ready)	✓	✓	✓	✓	✓	—
Ethernet ports	1 x 1 GbE 1 x 2.5 GbE	2 x 1GbE	2 x 1GbE	2 x 1GbE	1 x 1GbE	1 x 1GbE
Integrated BLE/ZigBee	✓	—	✓	—	—	—
WLAN Control and Management	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud

RUCKUS PRODUCT GUIDE – Indoor Access Points

	H550	H510	H320	CL10	M510
Feature/Description	Wall-mount Wi-Fi 6 (802.11ax) AP dual-concurrent, five GbE ports, IoT gateway, BeamFlex+	802.11ac Wave 2 dual-concurrent wall switch with five GbE ports and BeamFlex+	802.11ac Wave 2 dual-concurrent wall switch with two 10/100MbE ports and BeamFlex+	802.11ac Wave2 dual-concurrent wall plate with built-in DOCSIS 3.0 cable modem	Mobile Indoor 802.11ac Wave 2 2x2:2 Wi-Fi AP with LTE Backhaul
Maximum PHY rate	1200 Mbps (5GHz) 574 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	867 Mbps (5GHz) 150 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)
Concurrent users	512	100	100	100	512
Radio chains/streams	2x2:2	2x2:2	5GHz: 2x2:2 MU-MIMO 2.4GHz: 1x1:1 SU-MIMO	2x2:2	2x2:2
Antenna patterns (per band)	16	4	4	4	64
Antenna gain	Up to 1dBi	Up to 1dBi	Up to 3dBi	Up to 3dBi	Up to 3dBi
PD-MRC	✓	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-100dBm	-99/-96dBm	-99/-96dBm	-96/-95dBm	-101/-95dBm
ChannelFly	✓	✓	✓	✓	✓
SmartMesh	✓	✓	—	✓	✓ (in future release)
USB (IoT Ready)	✓	✓	—	✓	✓
Ethernet ports	5 x 1GbE	5 x 1GbE	2 x 10/100MbE 1 x 1GbE	2 x 10/100MbE	2 x 1GbE ports, RJ-45
Integrated BLE/ZigBee	✓	—	—	—	—
WLAN Control and Management	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed 	<ul style="list-style-type: none"> • SmartZone • Unleashed 	<ul style="list-style-type: none"> • SmartZone • Unleashed

RUCKUS PRODUCT GUIDE – Outdoor Access Points and Bridges

	T750	T710 Series	T610 Series	T310 Series
Feature/Description	High-end Wi-Fi 6 (802.11ax) dual-concurrent AP with MU-MIMO and BeamFlex+	High-end 802.11ac Wave 2 dual concurrent AP with BeamFlex+	Mid-range 802.11ac Wave 2 dual concurrent AP with BeamFlex+	Entry-level 802.11ac Wave 2 outdoor AP series with integrated BeamFlex+ omni and sector antennas
Maximum PHY rate	2400 Mbps (5GHz) 1148 Mbps (2.4GHz)	1733 Mbps (5GHz) 600 Mbps (2.4GHz)	1733 Mbps (5GHz) 600 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)
Wi-Fi technology	802.11ax (2.4GHz, 5GHz) Wi-Fi CERTIFIED 6™	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)
Concurrent users	1024	512	512	512
Radio chains:streams	4x4:4	4x4:4	4x4:4	2x2:2
Antenna patterns (per band)	4,000+	4,000+	4,000+	64
Antenna gain	Up to 3dBi	Omni: Up to 3dBi Sector: Up to 8dBi	Omni: Up to 3dBi 120 Sector: Up to 8dBi	Omni: Up to 3dBi 120 Sector: Up to 9dBi 30 Sector: Up to 12dBi
PD-MRC	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-103dBm	-104/-104dBm	-104dBm	-101dBm
ChannelFly	✓	✓	✓	✓
SmartMesh	✓	✓	✓	✓
Ethernet interface	1 x 1 GbE 1 x 2.5 GbE	2 x 1 GbE	2 x 1 GbE	1 x 1 GbE
USB (IoT Ready)	✓	—	✓	Models d, s, & n
Fiber interface	✓	✓	—	—
GPS	✓	✓	—	—
WLAN Control and Management	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • ZoneDirector • SmartZone • Unleashed • RUCKUS Cloud

RUCKUS PRODUCT GUIDE – Outdoor Access Points and Bridges

	T350c	T350d	T811-CM	E510	P300
Feature/Description	High-density outdoor AP series 2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 (802.11 ax) with integrated BeamFlex+ omni and sector antennas	High-density outdoor AP series 2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 (802.11 ax) with integrated BeamFlex+ omni and sector antenna	Outdoor 4x4:4 2.4/5GHz 802.11ac Wave 2 Wi-Fi access point with DOCSIS 3.1 backhaul	Embedded 802.11ac Outdoor Wave 2 Wi-Fi AP with External BeamFlex+ Antennas	Point-to-Point / Multi-point bridge
Maximum PHY rate	2.4GHz: 574 Mbps 5GHz: 1200Mbps	2.4GHz: 574 Mbps 5GHz: 1200Mbps	1733 Mbps (5GHz) 600 Mbps (2.4GHz)	867 Mbps (5GHz) 300 Mbps (2.4GHz)	867 Mbps (5GHz)
Wi-Fi technology	2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 (802.11 ax)	2x2:2 (5GHz) + 2x2:2 (2.4GHz) Wi-Fi 6 (802.11 ax)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz) 802.11n (2.4GHz)	802.11ac (5GHz)
Concurrent users	512	512	512	512	—
Radio chains:streams	2x2:2 (5GHz) + 2x2:2 (2.4GHz)	2x2:2 (5GHz) + 2x2:2 (2.4GHz)	4x4:4	2x2:2	2x2:2
Antenna patterns (per band)	64	64	4,000+	64	—
Antenna gain	Up to 3dBi	Up to 3dBi	Up to 3dBi	Up to 3dBi	—
PD-MRC	✓	✓	✓	✓	✓
Rx sensitivity (2.4/5GHz)	-101dBm	-101dBm	-98/-97	-101dBm	-96dBm
ChannelFly	✓	✓	✓	✓	✓
SmartMesh	✓	✓	✓	✓	—
Ethernet interface	1x 1GbE	1x 1GbE	1 x 1GbE	1 x 1GbE	1 x 1GbES
USB (IoT Ready)	n/a	✓	✓	✓	—
Fiber interface	n/a	n/a	✓	—	—
GPS	n/a	n/a	✓	—	—
WLAN Control and Management	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Unleashed • RUCKUS Cloud • Standalone 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Unleashed • RUCKUS Cloud • Standalone 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Standalone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • SmartZone • ZoneDirector • Standalone • Unleashed • RUCKUS Cloud 	<ul style="list-style-type: none"> • Unleashed Multi-Site Manager

RUCKUS PRODUCT GUIDE – Control and Management

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		Network Controller				
		SmartZone 104/124	SmartZone 144	SmartZone 300	Virtual SmartZone-E	Virtual SmartZone-H
Number of APs supported		Up to 1,024 / 3,000 per cluster	Up to 2,000 / 6,000 per cluster	Up to 10,000 / 30,000 per cluster	Up to 1,024 / 3,000 per cluster	Up to 10,000 / 30,000 per cluster
Number of switches supported		Up to 200 / 600 per cluster	Up to 400 / 1,200 per cluster	Up to 2,000 / 6,000 per cluster	Up to 200 / 600 per cluster	Up to 2,000 / 6,000 per cluster
Number of clients supported		Up to 25,000 / 60,000 per cluster	Up to 40,000 / 120,000 per cluster	Up to 100,000 / 450,000 per cluster	Up to 25,000 / 60,000 per cluster	Up to 100,000 / 300,000 per cluster
Ethernet ports		SZ104 & SZ124: 4 x 1GbE ports SZ124 only: 2 x 10GbE ports (SFP+)	4 x GbE ports 4 x 10 GbE ports (SFP+)	6 x 1GbE ports 4 x 10GbE ports (SFP+)	1 vNIC	1 or 3 vNIC
Authentication support		802.1X, MAC address	802.1X, MAC address	802.1X, Local database, Active Directory, RADIUS, LDAP	802.1X, Local database, Active Directory, RADIUS, LDAP	802.1X, Local database, Active Directory, RADIUS, LDAP
Guest networking/captive portal		✓	✓	✓	✓	✓
DHCP server		External or Assigned	External or Assigned	External or Assigned	External or vSZ-D assigned	External or vSZ-D assigned
AP discovery and control		L2 / L3	L2 / L3	L2 / L3	L2 / L3	L2 / L3
SSID/WLAN support		2,048 / 2,048 cluster	2,048 / 2,048 cluster	6,144 per SZ-300	2,048	6,144
Management interface		Web GUI, CLI	Web GUI, CLI	Web GUI, CLI	Web GUI, CLI	Web GUI, CLI
Remote Management		Yes	Yes	Yes	Yes	Yes
Management protocol(s)		SNMP v3, RESTful JSON	SNMP v3, RESTful JSON	SNMP v3, RESTful JSON	SNMP v3	SNMP v3
VLAN support		Dynamic VLANs	Dynamic VLANs	Dynamic VLANs	Dynamic VLANs	Dynamic VLANs
Data Plane		Tunneling or local breakout	Tunneling or local breakout	Tunneling or local breakout	Tunneling or local breakout	Tunneling or local breakout
Power supply		AC	AC, Field Replaceable	DC or AC, Field Replaceable	N/A	N/A
Fans		Redundant	Field Replaceable	Six redundant, field swappable fans in three sets	N/A	N/A
SKU/Part number		P01-S104-XX00 P01-S124-XX00	P01-S144-XX00	901-S300-VW10/00	L09-VSCG-VW000	L09-VSCG-VW000



RUCKUS PRODUCT GUIDE – Control and Management

	WLAN Controller	Controller-Less	Cloud	SmartZone
Feature	ZoneDirector 1200	Unleashed	RUCKUS Cloud	SmartZone Data Plane
Number of APs supported	Up to 150	Up to 50	Virtually unlimited number of APs supported	Enables forwarding of user data traffic through secure tunnels on RUCKUS APs when managed by Virtual SmartZone controllers.
Number of switches supported	—	Up to 8 switches	Virtually unlimited number of switches supported	Supports the most widely deployed VMware and KVM hypervisors
Clients	Up to 4,000	up to 1,024	Clients per AP: refer to AP data sheet	Complete separation of Control-Management plane (vSZ) and data plane functions (SmartZone Data Plane) via separate VMs that support distributed and centralized deployments providing compelling architecture flexibility.
Ethernet ports	2 Ethernet ports, auto MDX, autosensing 1GBE	Refer to selected AP data sheet	N/A	vSZ acts as the controller for RUCKUS APs, as well as SmartZone Data Plane providing seamless configuration and management capabilities.
Authentication support	802.1X, Local database, Active Directory, RADIUS, LDAP	802/1x, local database, Active Directory, RADIUS, LDAP	PSK, 802.1x, Active Directory, RADIUS, LDAP, SMS, social login, open	The vSZ controller runs in Active/Active (3+1) mode for extremely high availability. Each SmartZone Data Plane runs as an independent virtual machine instance that is managed by the vSZ controller.
Guest networking/captive portal	✓	✓	✓	This feature enables RUCKUS APs in a particular zone establish tunnels with the SmartZone Data Plane in that particular zone. Provides flexibility for distributed and managed services deployments where the SmartZone Data Planes can be co-located on-premise with RUCKUS APs (vSZ Zones) on medium/large high density sites that need tunneling. With up to 40 SmartZone Data Planes per cluster, the SZ 3.5 release can potentially support a large number of such distributed deployments.
DHCP server	✓	✓	External or assigned	This feature enables a high scale DHCP Server on the SmartZone Data Plane. The DHCP Server is a high-scale server specifically designed and architected for Wi-Fi deployments that provide near-real time IP address assignment combined with NAT this provides tremendous value to the operator since it avoids mac-address scaling limits and high costs on the network infrastructure (switches).
AP discovery and control	L2 / L3	L2	L2	This feature is useful from a Legal Intercept requirements perspective and enables the ability to mirror packets in both uplink and downlink directions for Wi-Fi clients that have a CALEA warrant.
SSID/WLAN support	256	16	15/Venue	This feature enables SmartZone Data Plane to forward WiFi client traffic to a specified 3rd party VWAG (Wireless Access Gateway) over L2oGRE protocol standard.
Management Interface	Web GUI, FlexMaster	Web GUI, CLI, Unleashed Multi-Site Manager	Web GUI and native mobile application	Supports IPv6 addressing for the SmartZone Data Plane interfaces as well as support forwarding of IPv6 client traffic
Remote Management	No	Yes	Yes	This feature enables L3 Roaming when traffic is tunneled to the SmartZone Data Plane. The feature relies on inter SmartZone Data Plane flexi-vpn tunnels that are dynamically created with minimal user intervention. L3 Roaming can be enabled based on VLANs or subnets.
Management protocol(s)	SNMP v3	SNMP v3	N/A	
VLAN support	Dynamic VLANs	Yes	Dynamic VLANs	
Data Plane	Tunneling or local breakout	Local breakout	Local breakout	
Power supply	DC or AC	PoE	APs powered using PoE or optional power supply	
Fans	—	N/A	N/A	
SKU/Part number	901-1205-XX00	Refer to Unleashed data sheet for supported devices	Refer to RUCKUS Cloud data sheet for supported devices	

RUCKUS PRODUCT GUIDE – ICX Switches

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Feature	Access			Access / Aggregation			Aggregation / Core		
	ICX 7150-Compact	ICX 7150	ICX 7150 Z-Series	ICX 7250	ICX 7450	ICX 7550	ICX 7650	ICX 7750	ICX 7850
Switching Capacity (max)	120Gbps	180Gbps	304Gbps	256Gbps	336Gbps	1,020Gbps	1,128Tbps	2,56Tbps	6,4Tbps
1GbE RJ-45 ports	8 or 10 or 12 +2	24 +2 or 48 +2	48	24 or 48	24 or 48	24 or 48	48	48	48
1GbE SFP ports	2	24 +4	8	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	8	12	24	24 +4	96 ¹	128 ¹
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	1480W	2000W	1500W		
Switches per stack (max)	12	12	12	12	12	12	12	12	12
Aggregate stack bandwidth	240Gbps	480Gbps	480Gbps	480Gbps	960Gbps	2.4Tbps	2.4Tbps	5.76Tbps	9.6Tbps

¹ Requires QSFP+ splitter cables

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RUCKUS PRODUCT GUIDE – ICX Switches

Feature	Access						Access / Aggregation				Aggregation / Core	
	ICX 7150-Compact	ICX 7150	ICX 7150 Z-Series	ICX 7250	ICX 74-50	ICX 7550	ICX 7650	ICX 7750	ICX 7850	ICX 7850	ICX 7850	ICX 7850
PoE/PoE+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Long-Distance Stacking	✓ ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
sFlow	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Layer 3 (STATIC, RIP, OSPF)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OpenFlow with Hybrid Port Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RUCKUS Campus Fabric	✓ ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Redundant Power Option			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PoH (90W PoE power per port)	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
Hot Swap Internal power supplies and fans			✓		✓	✓	✓	✓	✓	✓	✓	✓
EEE (Energy Efficient Ethernet)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VRF					✓	✓	✓	✓	✓	✓	✓	✓
IPsec VPN (with service module)					✓	✓	✓	✓	✓	✓	✓	✓
MACsec					✓	✓	✓	✓	✓	✓	✓	✓
BGP					✓	✓	✓	✓	✓	✓	✓	✓
Reversible airflow option					✓	✓	✓	✓	✓	✓	✓	✓
VxLAN						✓ ²						
Multi Chassis Trunking (MCT)												
Unified network management options	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed 	<ul style="list-style-type: none"> SmartZone Unleashed 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed 	<ul style="list-style-type: none"> SmartZone Unleashed 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud 	<ul style="list-style-type: none"> SmartZone Unleashed RUCKUS Cloud

¹ Stacking and Campus Fabric not supported on ICX7150-C08P.

² Available in a future software release.

ICX 7000 系列價格表

產品料號	產品說明	建議售價
ICX7150-24-2X10G	ICX 7150 Switch, 24x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP and 2x 10G SFP+ uplink-ports upgradable to 4x 10G SFP+ with license, basic L3 (static routing and RIP)	114,400
ICX7150-24-4X10GR	ICX 7150 Switch, 24x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports, L3 features (OSPF, VRRP, PIM, PBR)	146,900
ICX7150-24-4X1G	ICX 7150 Switch, 24x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 4x 1G SFP uplink-ports upgradable to up to 4x 10G SFP+ with license, basic L3 (static routing and RIP)	81,900
ICX7150-24P-2X10G	ICX 7150 Switch, 24x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP and 2x 10G SFP+ uplink-ports upgradable to 4x 10G SFP+ with license 370W PoE budget, basic L3 (static routing and RIP)	157,300
ICX7150-24P-4X10GR	ICX 7150 Switch, 24x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports, 370W PoE budget, L3 features (OSPF, VRRP, PIM, PBR)	189,800
ICX7150-24P-4X1G	ICX 7150 Switch, 24x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 1G SFP uplink ports upgradable to up to 4x 10G SFP+ with license, 370W PoE budget, basic L3 (static routing and RIP)	124,800
ICX7150-48-2X10G	ICX 7150 Switch, 48x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP and 2x 10G SFP+ uplink-ports upgradable to 4x 10G SFP+ with license, basic L3 (static routing and RIP)	164,450
ICX7150-48-4X10GR	ICX 7150 Switch, 48x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports, L3 features (OSPF, VRRP, PIM, PBR)	196,950
ICX7150-48-4X1G	ICX 7150 Switch, 48x 10/100/1000 ports, 2x 1G RJ45 uplink-ports, 4x 1G SFP uplink-ports upgradable to up to 4x 10G SFP+ with license, basic L3 (static routing and RIP)	131,950
ICX7150-48P-2X10G	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP and 2x 10G SFP+ uplink-ports upgradable to 4x 10G SFP+ with license, 370W PoE budget, basic L3 (static routing and RIP)	258,050
ICX7150-48P-4X10GR	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports 370W PoE budget, L3 features (OSPF, VRRP, PIM, PBR)	290,550
ICX7150-48P-4X1G	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 1G SFP uplink ports upgradable to up to 4x 10G SFP+ with license, 370W PoE budget, basic L3 (static routing and RIP)	225,550
ICX7150-48PF-2X10G	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP and 2x 10G SFP+ uplink-ports upgradable to 4x 10G SFP+ with license, 740W PoE budget, basic L3 (static routing and RIP)	293,800
ICX7150-48PF-4X10GR	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports 740W PoE budget, L3 features (OSPF, VRRP, PIM, PBR)	326,300
ICX7150-48PF-4X1G	ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 1G SFP uplink ports upgradable to up to 4x 10G SFP+ with license, 740W PoE budget, basic L3 (static routing and RIP)	261,300
ICX7150-48ZP-E2X10G	ICX 7150-48ZP Switch Z-Series, 16x 100/1000/2.5G PoH ports, 32x 10/100/1000 PoE+ ports, 2x 10G SFP+ and 6x 1G SFP uplink-ports upgradable to 8x 10G SFP+ with license. Basic L3 (static routing and RIP). 1 RPS20-E Power Supply, 1 Fan tray.	451,750
ICX7150-48ZP-E8X10GR	ICX 7150-48ZP Switch Z-Series, 16x 100/1000/2.5G PoH ports, 32x 10/100/1000 PoE+ ports, 8x 10G SFP+, L3 features (OSPF, VRRP, PIM, PBR). 1 RPS20-E Power Supply, 1 Fan tray.	516,750
ICX7150-C10ZP-2X10GR	ICX 7150 Compact Switch, 2x 100/1000/2.5/5/10G PoH ports, 2x 100/1000/2.5G PoH ports, 6x 100/1000/2.5G PoE+ ports, 2x 10G SFP uplink-ports, 240W PoE budget, L3 features (OSPF, VRRP, PIM, PBR)	230,100
ICX7150-C12P-2X10GR	ICX 7150 Compact Switch, 12x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 2x 10G SFP, 124W PoE budget, L3 features (OSPF, VRRP, PIM, PBR)	114,400

ICX 7000 系列價格表

產品料號	產品說明	建議售價
ICX7150-C12P-2X1G	ICX 7150 Compact Switch, 12x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 2x 1G SFP uplink-ports upgradable to 2x 10G SFP+ with license. 124W PoE budget, basic L3 (static routing and RIP)	81,900
BR-ICX-7150C-21U210R-P-01	CoE certificate license to upgrade the ICX 7150-C12P compact switch from 2x 1G SFP to 2x 10G SFP+ uplink ports. Also includes L3 features (OSPF, VRRP, PIM, PBR)	48,750
BR-ICX-7150Z210U810R-P-01	CoE certificate license to upgrade the ICX 7150-48ZP, Z-Series switch from 2x 10G SFP+ to 8x 10G SFP+ uplink ports. Also includes L3 features (OSPF, VRRP, PIM, PBR)	97,500
BR-ICX-7150-41U410R-P-01	CoE certificate license to upgrade any ICX 7150 24-port or 48-port model from 4x 1G SFP to 4x 10G SFP+ uplink ports. Also includes L3 features (OSPF, VRRP, PIM, PBR)	97,500
BR-ICX-7150-41U210-P-01	CoE certificate license to upgrade any ICX 7150 24-port or 48-port model from 4x 1G SFP to 2x 1G SFP & 2x 10G SFP+ uplink ports.	48,750
BR-ICX-7150-210U410R-P-01	CoE certificate license to upgrade any ICX 7150 24-port or 48-port model from 2x 1G SFP & 2x 10G SFP+ to 4x 10G SFP+ uplink ports. Also includes L3 features (OSPF, VRRP, PIM, PBR)	48,750
ICX7250-2X10G-LIC-POD	ICX7250 upgrade from 8x1GE uplink ports to 2x1/10GE + 6x1GE uplink/stacking ports. Only one 2X10G license upgrade can be applied to an ICX7250.	91,000
ICX7250-8X10G-LIC-POD	ICX7250 upgrade from 2X1/10GE + 6X1GE uplink/stacking ports to 8X1/10GE uplink/stacking ports. This can only be applied to an ICX7250 that already has a 2X10G license applied.	65,000
ICX7250-PREM-LIC	ICX7250 Layer 3 Premium Software License	65,000
ICX7450-24	24-port 1 GbE switch, 3 modular slots for optional uplinks/stacking. Power supply, fan & modules need to be ordered separately	271,700
ICX7450-24-40G-E	24-port 1 GbE switch bundle includes 3x40G QSFP+ uplinks/stacking, 1x250W AC power supply and one fan, front to back airflow	455,000
ICX7450-24-E	24-port 1 GbE switch bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 1x250W AC power supply and one fan, front to back airflow	455,000
ICX7450-24P	24-port 1 GbE switch PoE+, 3 modular slots for optional uplinks/stacking. Power supply, fan & modules need to be ordered separately	284,050
ICX7450-24P-40G-E	24-port 1 GbE switch PoE+ bundle includes 3x40G QSFP+ uplinks/stacking, 1x1000W AC power supply and one fan, front to back airflow	536,250
ICX7450-24P-E	24-port 1 GbE switch PoE+ bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 1x1000W AC power supply and one fan, front to back airflow	536,250
ICX7450-24P-E2	24-port 1 GbE switch PoE+ bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 2x1000W AC power supply and two fans, front to back airflow	637,650
ICX7450-48	48-port 1 GbE switch, 3 modular slots for optional uplinks/stacking. Power supply, fan & modules need to be ordered separately	430,300
ICX7450-48-E	48-port 1 GbE switch bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 1x250W AC power supply and one fan, front to back airflow	649,675
ICX7450-48F	48-port 1 GbE SFP fiber switch, 3 modular slots for optional uplinks/stacking. Power supply, fan & modules need to be ordered separately	815,425
ICX7450-48F-E	48-port 1 GbE SFP fiber switch bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 1x250W AC power supply and one fan, front to back airflow	975,000
ICX7450-48F-E2	48-port 1 GbE SFP fiber switch bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 2x250W AC power supply and two fans, front to back airflow	1,035,450
ICX7450-48P	48-port 1 GbE switch PoE+, 3 modular slots for optional uplinks/stacking. Power supply, fan & modules need to be ordered separately	554,775

ICX 7000 系列價格表

產品料號	產品說明	建議售價
ICX7450-48P-E	48-port 1 GbE switch PoE+ bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 1x1000W AC power supply and one fan, front to back airflow	812,175
ICX7450-48P-E2	48-port 1 GbE switch PoE+ bundle includes 4x10G SFP+ uplinks, 2x40G QSFP+ uplinks/stacking, 2x1000W AC power supply and two fans, front to back airflow	913,900
ICX7450-PREM-LIC	ICX 7450 Layer 3 Premium Software License	78,000
ICX7400-4X1GF	ICX 7450 4-port 100M/1GbE SFP Module	52,000
ICX7400-4X10GF	ICX 7450 4-port 1/10GbE SFP+ Module	65,000
ICX7400-4X10GC	ICX 7450 4-port 1/10GbE 10GBASE-T Copper Module	82,875
ICX7400-1X40GQ	ICX 7450 1-port 40GbE QSFP+ Module	55,250
ICX7550-24-E2	ICX 7550 24-port 10/100/1000 Mbps with 2-ports 40 Gbps Uplink/Stack QSFP+, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	513,500
ICX7550-24F-E2	ICX 7550 24-port 1/10 Gbps with 2-ports 40/100 Gbps Uplink/Stack QSFP28, module slot, two AC power supplies, three fans exhaust airflow installed. Transceivers sold separately	974,675
ICX7550-24P-E2	ICX 7550 24-port 10/100/1000 Mbps 802.3at POE+ with 2-ports 40 Gbps Uplink/Stack QSFP+, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	636,350
ICX7550-24ZP-E2	ICX 7550 12-port 10/100/1000/2500 Mbps 802.3bt POE, 12-port 100/1000/2500/50000/10000 Mbps 802.3bt POE with 2-ports 40/100 Gbps Uplink/Stack QSFP28, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	987,350
ICX7550-48-E2	ICX 7550 48-port 10/100/1000 Mbps with 2-ports 40 Gbps Uplink/Stack QSFP+, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	676,000
ICX7550-48F-E2	ICX 7550 36-port 100/1000 Mbps SFP, 12-port 1/10 Gbps SFP+ with 2-ports 40/100 Gbps Uplink/Stack QSFP28, module slot, two AC power supplies, three fans exhaust airflow installed. Transceivers sold separately	974,675
ICX7550-48P-E2	ICX 7550 48-port 10/100/1000 Mbps 802.3at POE+ with 2-ports 40 Gbps Uplink/Stack QSFP+, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	806,975
ICX7550-48ZP-E2	ICX 7550 36-port 10/100/1000/2500 Mbps 802.3bt POE, 12-port 100/1000/2500/50000/10000 Mbps 802.3bt POE with 2-ports 40/100 Gbps Uplink/Stack QSFP28, module slot, three fans, two AC power supplies with exhaust airflow installed. Transceivers sold separately	1,031,225
ICX7550-PREM-LIC	ICX 7550 LAYER 3 PREMIUM SOFTWARE LICENSE	78,000
ICX7650-48F-E2	48-port; 24-port 1GbE/10GbE SFP+, 24-port 100MbE/1 GbE SFP, 4xQSFP (either 2x100GbE or 4x40GbE), modular slot, bundle includes two 250W AC power supplies and two fans, front to back airflow, transceivers sold separately	1,381,250
ICX7650-48P-E2	48-port 10MbE/100MbE/1GbE PoE+, 4xQSFP (either 2x100GbE or 4x40GbE), modular slot bundle includes two 1000W AC power supplies and two fans, front to back airflow, transceivers sold separately	1,076,725
ICX7650-48ZP-E2	48-port; 24-port 100MbE/1GbE/2.5GbE/5GbE/10GbE POH, 24-port 10MbE/100MbE/1GbE PoE+, 4xQSFP (either 2x100GbE or 4x40GbE), modular slot bundle includes 2 1000W AC power supplies and 2 fans, front to back airflow, transceivers sold separately	1,300,000
ICX7650-1X100GQ	ICX 7650 1-port 100GbE QSFP28 Module	325,000
ICX7650-2X40GQ	ICX 7650 2-port 40GbE QSFP+ Module	162,500
ICX7650-4X10GF	ICX 7650 4-port 1/10GbE SFP+ Module	81,250

ICX 7000 系列價格表

產品料號	產品說明	建議售價
ICX7650-PREM-LIC	ICX 7650 LAYER 3 PREMIUM SOFTWARE LICENSE	78,000
ICX7750-6Q	Ruckus ICX7750 six port 40GbE QSFP+ module	487,175
ICX7750-48F	Ruckus ICX 7750 with 48 10GbE SFP+ ports, 6 10/40GbE QSFP+ ports, one modular slot. BASE layer 3 software feature set. Requires ICX7750-L3-COE to use advanced L3 features. Power supplies, fans, optional interface modules, optics ordered separately.	1,529,125
ICX7750-48C	Ruckus ICX 7750 with 48 1/10GbE RJ-45 ports, 6 10/40GbE QSFP+ ports, one modular slot. BASE layer 3 software feature set. Requires ICX7750-L3-COE to use advanced L3 features. Power supplies, fans, optional interface modules optics ordered separately	1,941,875
ICX7750-26Q	Ruckus ICX 7750 with 26 40GbE QSFP+ ports, and one modular slot. BASE layer 3 software feature set. Requires ICX7750-L3-COE to use advanced L3 features. Power supplies, fans, optional interface modules and optics ordered separately, not included.	1,310,725
ICX7750-FAN-I	Kit of 4 ICX7750 Fan assemblies fan side air intake	97,175
ICX7750-FAN-E	Kit of 4 ICX7750 Fan assemblies fan side air exhaust	97,175
ICX7750-L3-COE	ICX7750 PREMIUM LAYER3 FEATURES CERTIFICATE OF ENTITLEMENT	422,175
ICX7750-FAN-I-SINGLE	ICX7750 Fan assembly fan side air intake	37,375
ICX7750-FAN-E-SINGLE	ICX7750 Fan assembly fan side air exhaust	37,375
ICX7850-32Q-E2	ICX 7850 32-port QSFP28 supports native 40GE or 100GE, or breakout 4x10GE or 4x25GE, bundle includes two AC PS and six fans, PS side exhaust airflow, transceivers sold separately	2,488,200
ICX7850-48C-E2	ICX 7850 48-port SFP+ 1/10GE, 8x-port QSFP28 supports native 40GE or 100GE or breakout 4x10GE or 4x25GE, bundle includes two AC PS and five fans, PS side exhaust airflow, transceivers sold separately	2,555,800
ICX7850-48F-E2	ICX 7850 48-port SFP28 1/10/25GE, 8x-port QSFP28 supports native 40GE or 100GE or breakout 4x10GE or 4x25GE, bundle includes two AC PS and five fans, PS side exhaust airflow, transceivers sold separately	2,116,400
ICX7850-48FS-E2	ICX 7850 with 48x 1/10GbE SFP+ and 8x 40/100 QSFP28 ports, bundle includes two AC PS and five fans, PS side exhaust airflow, MACsec. Requires ICX7850-PREM-LIC to use advanced Layer 3 features and ICX-MACSEC-LIC to use MACsec. Optical transceivers sold separately	2,496,975
ICX7850-PREM-LIC	ICX7850 Premium feature license	422,175
ICX-FAN10-I	ICX 7450 intake airflow fan, back to front airflow (two fans required when using two power supplies)	16,250
ICX-FAN10-E	ICX 7450 exhaust airflow fan, front to back airflow (two fans required when using two power supplies)	16,250
ICX-FAN12-I	ICX 7650 and ICX 7850 intake airflow fan, back to front airflow	25,675
ICX-FAN12-E	ICX 7650 and ICX 7850 exhaust airflow fan, front to back airflow	25,675
RPS9I	500W AC power supply with intake airflow	64,675
RPS9E	500W AC power supply with exhaust airflow	67,925
RPS16-I	ICX6610/7450/7650 POE 1000W AC PSU, intake airflow, back to front airflow	97,500
RPS16-E	ICX6610/7450/7650 POE 1000W AC PSU, exhaust airflow, front to back airflow	97,500
RPS15-I	ICX6610/7450/7650 NON-POE 250W AC PSU, intake airflow, back to front airflow	48,750
RPS15-E	ICX6610/7450/7650 NON-POE 250W AC PSU, exhaust airflow, front to back airflow	48,750
RPS19-I	650W AC power supply with intake airflow	103,675

ICX 7000 系列價格表

產品料號	產品說明	建議售價
RPS19-E	650W AC power supply with exhaust airflow	103,675
RPS9DCI	FRU,500WDCPS,INTAKE,ICX7750	81,250
RPS9DCE	FRU,500WDCPS,EXHAUST,ICX7750	81,250
RPS16DC-I	ICX6610/7450/7650 510W DC PSU, intake airflow, back to front airflow	143,000
RPS16DC-E	ICX6610/7450/7650 510W DC PSU, exhaust airflow, front to back airflow	143,000
RPS19DC-I	650W DC power supply with intake airflow	214,175
RPS19DC-E	650W DC power supply with exhaust airflow	214,175
ICX7000-RMK	FRU,RACK MOUNT KIT,2 POST,ICX7750/7450/7250	5,525
ICX7750-RMK	FRU,RACK MOUNT KIT,2 POST,ICX7750/7450	5,525
ICX-MACSEC-LIC	ICX MACSEC LICENSE	65,000

Optics

產品料號	產品說明	建議售價
E100G-QSFP-ESR4	100GBASE-ESR4 QSFP+ optic (MTP 1x8 or 1x12), 300m over MMF, 1-pack	422,175
E100G-QSFP-QSFP-AOC-1001	100GbE QSFP28 to QSFP28 Direct Attached, Active Optical Cable, 10m	372,450
E100G-QSFP-QSFP-P-0101	100GbE QSFP28 to QSFP28 Direct Attached, Passive Copper Cable, 1m.	50,700
E100G-QSFP-QSFP-P-0501	100GbE QSFP28 to QSFP28 Direct Attached, Passive Copper Cable, 5m.	84,825
E100G-QSFP-QSFP-P-0301	100GbE QSFP28 to QSFP28 Direct Attached, Passive Copper Cable 3m.	62,075
E100G-QSFP28-CWDM4-2KM	100GBASE-CWDM4 QSFP28 optic (LC), for distances up to 2 km over SMF	974,675
E100G-QSFP28-SR4	100GBASE-SR4 QSFP28 optic (MTP 1x12), for up to 100 m over MMF	227,500
10G-SFPP-BXU-S	10GBASE-LR SFP+ Optic (LC) bidirectional upstream, standard temperature (0° C to 70° C)	237,250
10G-SFPP-BXD-S	10GBASE-LR SFP+ Optic (LC) bidirectional downstream, standard temperature (0° C to 70° C)	237,250
10G-SFPP-ER	10GBASE-ER SFP+ optic (LC), for up to 40km over SMF	649,675
10G-SFPP-LR-S	10GBASE-LR,SFPP SMF LC CONNECTOR (No TAA)	28,535
10G-SFPP-LRM	10GBASE-LRM SFP+ optic (LC), for up to 220m over MMF	97,175
10G-SFPP-SR-S	10GBASE-SR,SFPP MMF LC CONNECTOR (No TAA)	23,400
10G-SFPP-SR	10GBASE-SR, SFP+ optic (LC), target range 300m over MMF	64,350
10G-SFPP-TWX-0501	10GbE Direct Attach SFP+ to SFP+ Active copper cable, 5 m	32,175
10G-SFPP-TWX-0301	10GbE Direct Attach SFP+ to SFP+ Active copper cable, 3 m	24,050
10G-SFPP-TWX-0101	10GbE Direct Attach SFP+ to SFP+ Active copper cable, 1 m	21,450
10G-SFPP-TWX-P-0501	10GbE Direct Attach SFP+ to SFP+ Passive copper cable, 5 m	19,500
10G-SFPP-TWX-P-0301	10GbE Direct Attach SFP+ to SFP+ Passive copper cable, 3 m	15,600
10G-SFPP-TWX-P-0101	10GbE Direct Attach SFP+ to SFP+ Passive copper cable, 1 m	11,375

Optics

產品料號	產品說明	建議售價
10G-SFPP-USR	10GE USR SFP+ optic (LC), target range 100m over MMF, 1-pack	48,750
10GE-SFPP-AOC-0701	10GbE Direct Attach SFP+ to SFP+ Active Optical Cable, 7m	40,950
10GE-SFPP-AOC-1001	10GbE Direct Attach SFP+ to SFP+ Active Optical Cable, 10m	46,800
1G-SFP-TWX-0501	1GbE Direct Attach SFP to SFP active copper cable, 5M	29,575
1G-SFP-TWX-0101	1GbE Direct Attach SFP to SFP active copper cable, 1M	18,850
40G-QSFP-C-00501	40GE QSFP Direct Attach Copper Cable, 0.5m, 1-pack, passive	17,225
E40G-QSFP-4SFP-C-0301	4x10GbE Direct Attach QSFP+ to 4 SFP+ Active Copper Breakout Cable, 3 m	104,975
E40G-QSFP-4SFP-C-0101	4x10GbE Direct Attach QSFP+ to 4 SFP+ Active Copper Breakout Cable, 1 m	99,450
E40G-QSFP-C-0501	40GbE Direct Attach QSFP+ to QSFP+ Passive Copper Cable, 5m	67,925
E40G-QSFP-C-0101	40GbE Direct Attach QSFP+ to QSFP+ Passive Copper Cable, 1m	32,825
E40G-QSFP-LM4	40GBASE-LM4 QSFP+, 1310nm, 160m over duplex LC OM4 MMF	597,350
E40G-QSFP-LR4	40GBASE-LR4 QSFP+ optic (LC), for up to 10km over SMF, 1-pack	649,350
E40G-QSFP-LR4-INT	40GBASE-LR4 QSFP+ to 4 SFP+ optic (MTP 1x8 or 1x12), for up to 10 km over SMF	409,500
E40G-QSFP-QSFP-AOC-1001	40GE Direct Attach QSFP+ to QSFP+ Active Optical Cable, 10m, 1-pack	132,275
E40G-QSFP-QSFP-C-0501	40GbE Direct Attach QSFP+ to QSFP+ Active Copper cable, 5 m,	91,000
E40G-QSFP-QSFP-C-0301	40GbE Direct Attach QSFP+ to QSFP+ Active Copper cable, 3 m,	74,100
E40G-QSFP-QSFP-C-0101	40GbE Direct Attach QSFP+ to QSFP+ Active Copper cable, 1 m,	56,875
E40G-QSFP-QSFP-P-0101	40GE Passive Direct Attach QSFP+ to QSFP+ Passive Copper cable, 1m, 1-pack	32,825
E40G-QSFP-QSFP-P-0301	100GbE QSFP28 to QSFP28 Direct Attached, Passive Copper Cable 3m.	33,800
E40G-QSFP-SR-BIDI	40GBASE-SR QSFP+ optic (LC), bidirectional, 100 m over OM3 MMF, 150 m over OM4 MMF	113,100
E40G-QSFP-SR4	40GBASE-SR4 QSFP+ optic (MTP 1x8 or 1x12), 100m over MMF, 1-pack	169,000
E40G-QSFP-SR4-INT	40GBASE-SR4 QSFP+ optic (MTP 1x8 or 1x12), 100m over MMF, compatible with 10GBASE-SR, 10G breakout-capable, 1-pack	194,675
E1MG-100FX-IR-OM	100BASE-FX IR SFP optic for SMF with LC connector, optical monitoring capable. For distances, up to 15Km	26,975
E1MG-100FX-OM	100BASE-FX SFP optic MMF, LC connector, optical monitoring capable	22,100
E1MG-BXU	1000BASE-BXU SFP optic SMF, transmits at 1310nm and receives at 1490nm, LC connector, single strand SMF fiber. This optic should only be connected to an E1MG-BXD at the far end	149,825
E1MG-BXD	1000BASE-BXD SFP optic SMF, transmits at 1490nm and receives at 1310nm, LC connector, single strand SMF fiber. This optic should only be connected to an E1MG-BXU at the far end.	149,825
E1MG-LX-OM	1000Base-LX SFP optic, SMF, LC connector, Optical Monitoring Capable	71,500
E1MG-LHA-OM	1000BASE-LHA SFP optic, SMF, LC connector, optical monitoring capable	259,675
E1MG-SX-OM	1000Base-SX SFP optic, MMF, LC connector, Optical Monitoring Capable	34,125
E1MG-TX	1000BASE-TX SFP Copper, RJ-45 Connector	25,350

ZoneFlex 室內型基地台

產品料號	產品說明	建議售價
901-R850-WW00	Ruckus R850 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul, 8x8:8 streams (5GHz) 4x4:4 streams (2.4GHz), OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty.	119,275
901-R750-WW00	Ruckus R750 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul and onboard BLE/Zigbee,, 4x4:4 streams (5GHz) 4x4:4 streams (2.4GHz), OFDMA, MU-MIMO, BeamFlex+, dual ports, 802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty.	98,150
901-R650-WW00	Ruckus R650 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul, 4x4:4 + 2x2:2 streams, OFDMA, MU-MIMO, BeamFlex+, dual ports, PoH/uPoE/802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty	77,025
901-R550-WW00	Ruckus R550 dual-band 802.11abgn/ac/ax Wireless Access Point with Multi-Gigabit Ethernet backhaul and onboard BLE/Zigbee,, 2x2:2 streams (2.4GHz/5GHz) OFDMA, MU-MIMO, BeamFlex+, dual ports, 802.3at PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty.	55,900
901-R350-WW02	Ruckus R350 dual-band 802.11abgn/ac/ax Wireless Access Points, 2x2:2 streams (2.4GHz/5GHz) OFDMA, MU-MIMO, BeamFlex+, 802.3af PoE support. Does not include power adapter or PoE injector. Includes Limited Lifetime Warranty	45,175
901-H550-WW00	Ruckus Wi-Fi 6 dual-band concurrent 2.4 GHz & 5 GHz, Wired/Wireless Wall Switch, BeamFlex+, 1 10/100/1000 & 4 10/100/1000 Ethernet Access Ports, POE in, PoE out (one port), USB port. Does not include DC power supply.	51,675
901-H350-WW00	Ruckus Wi-Fi 6 dual-band concurrent 2.4 GHz & 5 GHz, Wired/Wireless Wall Switch, BeamFlex+, 1 10/100/1000 & 2 10/100/1000 Ethernet Access Ports, POE in. Does not include DC power supply.	38,675

ZoneFlex 室外型基地台

產品料號	產品說明	建議售價
901-T750-WW51	Ruckus T750SE 802.11ax Outdoor Wireless Access Point, 4x4:4 Stream, 120-Degree Sector antenna included and option to attach external antennae, 2.4GHz and 5GHz concurrent dual band, (1x) 2.5G Ethernet port, (1x) 10/100/1000 Ethernet port, 100-240 Vac, POE in and PSE out, Fiber SFP/SFP+, GPS, IP-67 Outdoor enclosure, -40 to 65C Operating Temperature.	245,375
901-T750-WW52	Ruckus T750SE 802.11ax Outdoor Wireless Access Point, 4x4:4 Stream, 120-Degree Sector antenna included and option to attach external antennae, 2.4GHz and 5GHz concurrent dual band, (1x) 2.5G Ethernet port, (1x) 10/100/1000 Ethernet port, 100-240 Vac, POE in and PSE out, Fiber SFP/SFP+, IP-67 Outdoor enclosure, -40 to 65C Operating Temperature. No GPS.	245,375
901-T750-WW02	Ruckus T750 802.11ax Outdoor Wireless Access Point, 4x4:4 Stream, Omnidirectional Beamflex+ coverage, 2.4GHz and 5GHz concurrent dual band, (1x) 2.5G Ethernet port, (1x) 10/100/1000 Ethernet port, 100-240 Vac, POE in and PSE out, Fiber SFP/SFP+, IP-67 Outdoor enclosure, -40 to 65C Operating Temperature. No GPS.	245,375
901-T750-WW01	Ruckus T750 802.11ax Outdoor Wireless Access Point, 4x4:4 Stream, Omnidirectional Beamflex+ coverage, 2.4GHz and 5GHz concurrent dual band, (1x) 2.5G Ethernet port, (1x) 10/100/1000 Ethernet port, 100-240 Vac, POE in and PSE out, Fiber SFP/SFP+, GPS, IP-67 Outdoor enclosure, -40 to 65C Operating Temperature. For box contents, see Shipping Container Contents	245,375
901-T350-WW51	Ruckus T350se, sectorized 120 degree internal antenna, external antenna ports, outdoor access point, 802.11ax 2x2:2 internal BeamFlex+, dual band concurrent. One Ethernet port, PoE input, DC input, USB. -40°C to 65°C Operating Temperature. Includes mounting bracket. Does not include PoE injector.	104,975

ZoneFlex 室外型基地台

產品料號	產品說明	建議售價
901-T350-VVW40	Ruckus T350d, omni, outdoor access point, 802.11ax 2x2:2 internal BeamFlex+, dual band concurrent. One Ethernet port, PoE input, DC input, USB. -40°C to 65°C Operating Temperature. Includes mounting bracket. Does not include PoE injector.	98,150
901-T350-VVW20	Ruckus T350c, omni, outdoor access point, 802.11ax 2x2:2 internal BeamFlex+, dual band concurrent. One Ethernet port, PoE input. -20°C to 65°C Operating Temperature. Includes mounting bracket. Does not include PoE injector.	84,175

ZoneDirector 控制器

產品料號	產品說明	建議售價
901-1205-UN00	ZoneDirector 1200, licensed for up to 5 Ruckus Access Points. ZD1200 can be upgraded to support up to 75 APs with AP license upgrades if using software release pre ZD10.0. If using software ZD10.0 and above, ZD1200 can be upgraded to support up to 150 APs with license upgrades.	71,175
909-0001-ZD12	ZoneDirector 1200 Single AP License Upgrade SKU. Max orderable upgrade license quantity is 70 if using software pre ZD10.0. If using release ZD10.0 and above, max orderable upgrade license quantity is 145.	9,750

SmartZone 控制器

產品料號	產品說明	建議售價
P01-S144-UN00	SmartZone 144 Controller Appliance with 4x10GigE and 4 GigE ports, 90-day temporary Access to licenses.	597,675
L09-VSCG-VVW00	Virtual SmartZone 3.0 or newer software virtual appliance, 1 Instance, includes 1 AP license. Need to purchase RTU support license to continue using vSZ beyond 90 days	64,675
L09-0001-SG00	AP management license for SZ-100/vSZ 3.X/SCG200/SZ300, 1 Ruckus AP Access point. Order this when you intend to run software version from 3.2 onwards.	6,500
L09-0001-SGCX	Switch management license for SZ-100/vSZ 5.X/SZ300, 1 Ruckus ICX switch. Order this when you intend to run software version from 5.0 onwards.	6,500
L09-0001-RXGW	Soft GRE tunnel license from AP to 3rd party concentrator for SZ-100, SCG200, SZ300 and vSZ 3.X, 1 tunnel capacity. Order this when you intend to run software version from 3.2 onwards.	650

雲端控制器

產品料號	產品說明	建議售價
CLD-RKWF-1001	Ruckus Cloud Wi-Fi 1 year subscription for 1 AP, US or EU hosted	6,175
CLD-RKWF-3001	Ruckus Cloud Wi-Fi 3 year subscription for 1 AP, US or EU hosted	12,350
CLD-RKWF-5001	Ruckus Cloud Wi-Fi 5 year subscription for 1 AP, US or EU hosted	18,525

Smart Positioning Technology 智慧定位系統

產品料號	產品說明	建議售價
CLD-LOEA-1001	SPoT Engine, API & Analytics for 1 year subscription, venue up to 10 clients / min	電洽
CLD-LOEA-3001	SPoT Engine, API & Analytics for 3 year subscription, venue up to 10 clients / min	電洽
CLD-LOEA-5001	SPoT Engine, API & Analytics for 5 year subscription, venue up to 10 clients / min	電洽
CLD-LPEA-1001	SPoT Presence Engine, API & Analytics for 1 year subscription, venue up to 10 clients / min	電洽
CLD-LPEA-3001	SPoT Presence Engine, API & Analytics for 3 year subscription, venue up to 10 clients / min	電洽
CLD-LPEA-5001	SPoT Presence Engine, API & Analytics for 5 year subscription, venue up to 10 clients / min	電洽
L09-VSPT-WW00	Virtual Smart Positioning Technology (vSPoT) Base software platform as a virtual appliance, one (1) instance license, perpetual	電洽
L09-0001-VSPT	Virtual Smart Positioning Technology (vSPoT) AP management license for one (1) AP, perpetual	電洽

SmartCell Insight 智慧無線分析系統

產品料號	產品說明	建議售價
L09-SCIP-WW00	Perpetual Right to Use SmartCell Insight (SCI) application. (Does not include any AP Licenses)	電洽
L09-0001-SCIW	Perpetual license for WiFi analytics, to analyze 1 AP with SCI	電洽
909-SCIL-0000	Perpetual license to manage 1 additional AP with SCI. Only required when more than 500 APs are managed by SCI e.g. for the 501st AP onwards	電洽

Cloudpath

產品料號	產品說明	建議售價
L09-CLP0-0999	Cloudpath perpetual per-user on-site license for enterprises, 100-999 total user count ; Does not include support	電洽
L09-CLP0-4999	Cloudpath perpetual per-user on-site license for enterprises, 1000-4999 total user count ; Does not include support	電洽
L09-CLP0-9999	Cloudpath perpetual per-user on-site license for enterprises, 5000-9999 total user count ; Does not include support	電洽
L09-CLP0-010K	Cloudpath perpetual per-user on-site license for enterprises, 10K and above total user count ; Does not include support	電洽
LS9-vCLP-WW00	Cloudpath base on-site server software as a virtual appliance, one (1) instance license. No user licenses included. No support required. Server license is valid as long as user licenses are attached to it. Supports 5000 SMS messages per year, per customer. 20,000 user licenses per VM More servers may be necessary for high availability design or for additional capacity.	電洽
LS9-vCLP-WWSP	For Managed Service/Multi-tenant deployments only - Cloudpath base on-site MSP server software as a virtual appliance, one (1) instance license. No user licenses included. No support required. Server license is valid as long as user licenses are attached to it. Each server supports 20K users. Must use perpetual user license to use this.	電洽
LS9-CLP1-0999	One (1) year Access to Cloudpath on-site software for 1 user, for networks with 100-999 total users (unlimited devices per user). Includes maintenance and support. Requires minimum of 1 server. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
LS9-CLP1-4999	One (1) year Access to Cloudpath on-site software for 1 user, for networks with 1000-4999 total users (unlimited devices per user). Includes maintenance and support. Requires minimum of 1 server. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
LS9-CLP1-9999	One (1) year Access to Cloudpath on-site software for 1 user, for networks with 5000-9999 total users (unlimited devices per user). Includes maintenance and support. Requires minimum of 1 server. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
LS9-CLP1-010K	One (1) year Access to Cloudpath on-site software for 1 user, for networks with 10,000 or more total users (unlimited devices per user). Includes maintenance and support. Requires minimum of 1 server. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
CLD-CLP1-0999	One (1) year Access to Cloudpath cloud-hosted software for 1 user, for networks with 100-999 total users (unlimited devices per user). Includes maintenance and support. Cloud server included. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
CLD-CLP1-4999	One (1) year Access to Cloudpath cloud-hosted software for 1 user, for networks with 1000-4999 total users (unlimited devices per user). Includes maintenance and support. Cloud server included. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
CLD-CLP1-9999	One (1) year Access to Cloudpath cloud-hosted software for 1 user, for networks with 5000-9999 total users (unlimited devices per user). Includes maintenance and support. Cloud server included. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽
CLD-CLP1-010K	One (1) year Access to Cloudpath cloud-hosted software for 1 user, for networks with 10,000 or more total users (unlimited devices per user). Includes maintenance and support. Cloud server included. Minimum order of 100. This part number is applicable to add-on users for existing installations within this user count range.	電洽