ICX8200-48P | RUCKUS ICX 8200-48P

Entry-Level+ Access 48 Ports 1G PoE Switch

Product Classification

Product TypeEthernat switchProduct BrandRUCKUS®General Specifications296 Gb/sSwitching Capacity, maximum296 Gb/s1 Gbe StAP4 Ports, quantity, maximum481 Gbe SFPP Ports, quantity, maximum410 Gbe SFPP Ports, quantity, maximum425 Gbe SFP28 Ports, quantity, maximum426 Gbey Ser Budget, maximum370 WSwitches per Stack, maximum120 Gb/sPoE Power Budget, maximum1200 Gb/sPoE/PoE4YesStackingYesStackingYesGroup Fabric TechnologyNoPoer Journ With Hybrid Port ModeYesGroup Fabric TechnologyNoKedundant Power OptionNoKRFYesFet Cienergy Efficient Ethernet)YesFet Cienergy Efficient Ethernet)NoMaxeeNoMaxeeNoHaxeeNoFet Cienergy Efficient Ethernet)NoNoNoHaxeeNoFet Cienergy Efficient Ethernet)NoNoNoFet Cienergy Efficient Ethernet)NoNoNoFet Cienergy Efficient Ethernet)NoFet Cienergy Efficient Ethernet)NoNoNoFet Cienergy Efficient Ethernet)NoFet Cienergy Efficient Ethernet)NoFet Cienergy Efficient Ethernet)NoFet Cienergy Efficient Ethernet)NoFet Cienergy Efficient EthernetNoFet Cienergy Ef	Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
General SpecificationsSwitching Capacity, maximum296 Gb/s1 GbE RJ45 Ports, quantity, maximum481 GbE SFP Ports, quantity, maximum410 GbE SFP Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum426 De Dower Budget, maximum370 WSwitches per Stack, maximum120 Gb/sPoE/PoE+200 Gb/sStacking1200 Gb/sStackingYesStackingYesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedudant Power OptionNoRot Swap Internal Power Supplies & FansNoVRFYesFlee (Energy Efficient Ethernet)YesFlee VPN, with service moduleNo	Product Type	Ethernet switch
Switching Capacity, maximum296 Gb/s1 GbE RJ45 Ports, quantity, maximum481 GbE SFP Ports, quantity, maximum410 GbE SFP-Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum370 WPoer Power Budget, maximum120Switches per Stack, maximum1200 Gb/sPoer PoersYesStackingYesFlowYesI Gamus Fabric TechnologyNoRedundant Power OptionNoHot Sapti I Gow Poer Port)NoVRFYesFlore Y Poer Sudget, TechnologyNoKetting I Gow Poer Port)NoKetting I Gow Poer Port)NoKetting I Gow Poer Port)YesKetting I Gow Poer Poer Poert)NoKetting I Gow Poer PoertNoKetting I Gow Poer PoertNoKetting I Gow Poer PoertNoKetting I Gow Poer PoertNoKetting I Gow Poer Poert <th>Product Brand</th> <th>RUCKUS®</th>	Product Brand	RUCKUS®
1 GbE RJ45 Ports, quantity, maximum481 GbE SFP Ports, quantity, maximum410 GbE SFP Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum370 WSwitches per Stack, maximum12Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesSflowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoNoYRFYEFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	General Specifications	
1 GbE SFP Ports, quantity, maximum410 GbE SFP+ Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum370 WSwitches per Stack, maximum12Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesSflowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	Switching Capacity, maximum	296 Gb/s
10 GbE SFP+ Ports, quantity, maximum425 GbE SFP28 Ports, quantity, maximum426 GbE SFP28 Ports, quantity, maximum370 WPoE Power Budget, maximum12Switches per Stack, maximum12Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesSFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoB02.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesInservice moduleNo	1 GbE RJ45 Ports, quantity, maximum	48
25 GbE SFP28 Ports, quantity, maximum4PoE Power Budget, maximum370 WSwitches per Stack, maximum12Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE4YesStackingYessFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoB02.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesNoYesNoPoer VPN, with service moduleNoNoYes <trt< th=""><th>1 GbE SFP Ports, quantity, maximum</th><th>4</th></trt<>	1 GbE SFP Ports, quantity, maximum	4
PoE Power Budget, maximum370 WSwitches per Stack, maximum12Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesStackingYesSFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoBo2.3bt2 (90 W PoE Power per Port)NoStackingYesEEE (Energy Efficient Ethernet)YesIpsec VPN, with service moduleNo	10 GbE SFP+ Ports, quantity, maximum	4
Switches per Stack, maximum12Aggregate Stack, Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesStackingYessFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoBo2. 3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	25 GbE SFP28 Ports, quantity, maximum	4
Aggregate Stack Bandwidth, maximum1200 Gb/sPoE/PoE+YesStackingYesStackingYesFlowVesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNoOR2. Stat2 (90 W PoE Power per Port)NoKIFYesEEE (Energy Efficient Ethernet)YesNoNoDesc VPN, with service moduleNo	PoE Power Budget, maximum	370 W
PoE/PoE+YesStackingYesStackingYessFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNo802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesInservice moduleNo	Switches per Stack, maximum	12
StackingYessFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNoS02.3bt2 (90 W PoE Power per Port)NoKFFYesEEE (Energy Efficient Ethernet)YesNoNo	Aggregate Stack Bandwidth, maximum	1200 Gb/s
sFlowYesLayer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNo802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIbsec VPN, with service moduleNo	PoE/PoE+	Yes
Layer 3 (STATIC, RIP, OSPF)YesOpenFlow with Hybrid Port ModeYesCampus Fabric TechnologyNoRedundant Power OptionNoHot Swap Internal Power Supplies & FansNo802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	Stacking	Yes
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Redundant Power OptionNoHot Swap Internal Power Supplies & FansNo802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	OpenFlow with Hybrid Port Mode	Yes
Hot Swap Internal Power Supplies & FansNo802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	Campus Fabric Technology	No
802.3bt2 (90 W PoE Power per Port)NoVRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	Redundant Power Option	No
VRFYesEEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	Hot Swap Internal Power Supplies & Fans	No
EEE (Energy Efficient Ethernet)YesIPsec VPN, with service moduleNo	802.3bt2 (90 W PoE Power per Port)	No
IPsec VPN, with service module No	VRF	Yes
	EEE (Energy Efficient Ethernet)	Yes
MACsec No	IPsec VPN, with service module	No
	MACsec	No

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BGP	No
Reversible Airflow Option	No
VxLAN	Yes
Multi Chassis Trunking (MCT)	No

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



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