
PRODUCT COMPARISON

Cisco Catalyst 9200 Family Comparison

Prepared as a convenient PDF reference for network planning, platform evaluation, and procurement discussions.

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Catalyst 9200 Family Comparison

Fueling the foundation for intent-based networking

EN Switching TME Team



Feature		9200	9200L	2960XR	2960X
Foundational Hardware	Programmable ASIC	✓	✓	✗	✗
	CPU	Embedded Quad-Core @1.4Ghz	Embedded Quad-Core @1.4Ghz	Dual Core @600MHz	Dual Core @600MHz
	Flash	4GB	4GB	256MB	128MB
	Memory	4GB DDR3	2GB DDR3	512MB	512MB
	mGiG downlinks	✓	✓	✗	✗
Uplinks	FRU Uplinks	✓	✗	✓	✗
	4X10G SPF+ Uplinks	✓	✓	✗	✗
	25G Uplinks	✓	✓	✗	✗
	40G Uplinks	✓	✗	✗	✗
Power & Fan	Full PoE+	✓	✓	✗	✗
	FRU PS	✓	✓	✓	✗
	Platinum Rated PS*	✓	✓	✗	✗
	FRU Fans	✓	✗	✗	✗
Stacking	High Bandwidth Stacking	160Gbps	80Gbps	80Gbps	80Gbps
	Stacking SSO	✓	✓	✗	✗
Serviceability	RFID	✓	✓	✗	✗
	Blue Beacon	✓	✓	✗	✗

Feature		9200	9200L	2960XR	2960X
Modern OS	Model Driven Programmability	✓	✓	✗	✗
	Streaming telemetry	✓	✓	✗	✗
	Patching	✓	✓	✗	✗
Advanced Routing	VRF Support	✓	✓	✗	✗
	ISIS	✓	✓	✗	✗
	EIGRP	✓	✓	EIGRP Stub only	EIGRP Stub only
	OSPF	✓	✓	✓	✓
Fabric	SDA Fabric Edge	✓	✓	✗	✗
Security	MACsec-128	✓	✓	✗	✗
	Trustworthy System	✓	✓	Limited Support	Limited Support
	SGT	✓	✓	✗	✗
Visibility	Full Flexible Netflow	✓	✓	Ingress Only	Ingress Only
QoS	QoS Model	MQC	MQC	MLS	MLS
	Hierarchical QoS	✓	✓	✗	✗

Features	2960CX	3560CX	9200CX
CPU	Dual Core CPU @600MHz	Dual Core CPU @600MHz	4 Core @375Mhz Embedded ARM (@500Mhz on C9200CX-8UXG) (@250Mhz on C9200CX-8PT)
Forwarding Bandwidth	12 Gbps	16/34/46 Gbps	45/50/95 Gbps
Switching Bandwidth	24 Gbps	24 Gbps	Up to 128 Gbps
DRAM	512 MB	512 MB	4GB
Flash	128MB	128MB	8GB
Active VLAN (max)	255	1024	4096
Mgig Downlinks	✓	✓	✓
Static Routing	✓	✓	✓
SVI Support	✓	✓	✓
EIGRP/OSPF	✗	✓	✓
OSPF	✗	✓	✓
BGP	✗	✗	✓
BGP/EVPN	✗	✗	✗
IPSEC	✗	✗	✗
PBR	Routed Access	✓	✓
VRF	✗	✗	✓
NAT	✗	✗	✗
802.1X	✓	✓	✓
MAB	✓	✓	✓
MACSec	✗	802.1X-2010(MKA) PSK Support for Switch-2-Switch	MACsec 256-Bit
IPv6 FHS	✓	✓	✓

FEATURES	2960CX	3560CX	9200CX
DHCP snooping	✓	✓	✓
IGMP snooping	✓	✓	✓
PoE Budget (max)	240W	240W	240W
PoE Passthrough option	✗	✓	✓
Perpetual PoE	✓	✓	✓
Fast PoE	✓	✓	✓
USB-C Power for Devices	✗	✗	✗
QoS	Auto QoS, IPV6 QoS, MQC, DSCP mapping & filtering	Auto QoS, IPV6 QoS. MQC, DSCP mapping & filtering	QPPB. Auto QoS, IPV6 QoS, MQC, DSCP mapping & filtering
Bonjour	✗	✗	✓
Full Flexible Netflow	Limited	Limited	✓
Horizontal Stacking	✓	✓	✗
Switch hibernation	✓	✓	✓
OUI	✓	✓	✓
RSPAN	✓	✓	✓
Bluetooth OTA	✗	✗	✓





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