

ARISTA Networking Platforms

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Why Arista? Quality • Innovation • Engineering Excellence • Evolution • Openness

Arista 7300X3 Modular Spine Switches

- Highest 10/40/100G capacity and power efficiency
- Purpose built 4 and 8 slot chassis options
- Ideal for building leaf / spine and Spine™ Data Center networks

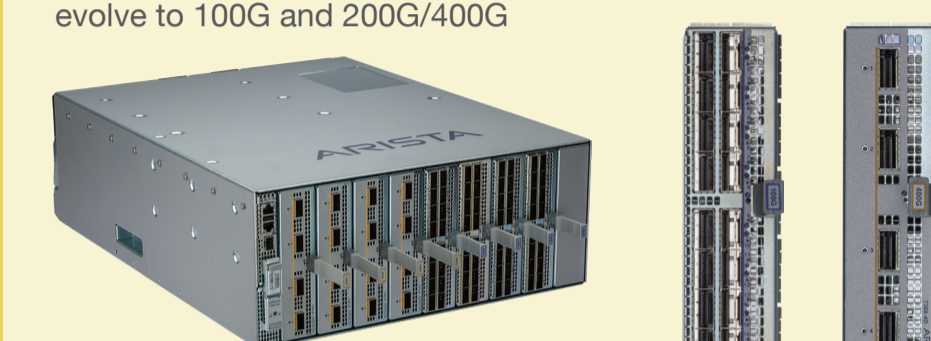


7300X Series Chassis		7300X3 Line Cards	
	7304X3	7308X3	
Slots	4	8	
Rack Units	8	13	
Max 400G	128	256	
Max 100G	512	1024	
Max 25G	2048	4096	

7300X3 Line Cards		
	7300X3-32C	7300X3-48YC4
Ports	32 x 100G QSFP	48 x 25G SFP 4 x 100G QSFP
Max 100G	32	4
Max 25G	128	64
Buffer	64MB	32MB

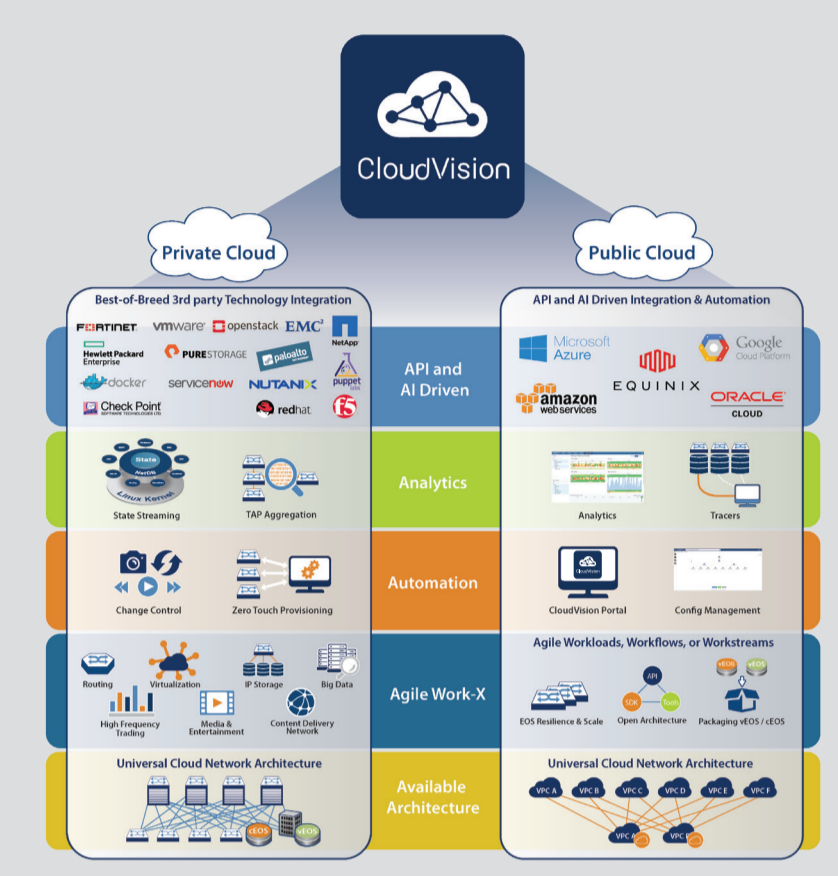
Arista 7368X4 Cloud Optimized 100G/400G

- 4RU high density 100G and 400G modular switches with wire speed layer 2 and layer 3 features and advanced features for SDN
- Rich choice of interface speed and density to seamlessly evolve to 100G and 200G/400G



7368X4 Chassis		7368X4 Line Cards				
	7368-16C	7468-4P	7368-4D	7368-16S		
Slots	8					
Rack Units	4					
Max 400G	32					
Max 100G	128					
Max 25G	512					
Max 100G	128	4	8			
Max 25G	512	16	32			
Latency	800ns					
Buffer	64MB					

EOS - Extensible Operating System



Arista 720XP Series 10M-MGig Campus PoE switches

- Cloud grade performance with PoE connectivity for all campus user workloads
- 802.3at, af and bt power options deliver from 15-60W to RJ45 ports
- Speed options from 10Mbps to 5Gbps over UTP



	720XP-48ZC2	720XP-24Z4	720XP-48Y6	720XP-24Y6	720XP-96ZC2
Ports	40 x 2.5G mGig RJ45 8 x 5G mGig RJ45 4 x 25G SFP	16 x 2.5G mGig RJ45 8 x 5G mGig RJ45 4 x 25G SFP	48 10/100/1000 BASE-T 16 x 5G mGig RJ45 6 25G SFP	24 10/100/1000 BASE-T 16 x 5G mGig RJ45 8 25G SFP	80 x 2.5G mGig RJ45 16 x 5G mGig RJ45 2 x 100G QSFP
Rack Units	48	24	48	24	2
Max 100Base-T	48	24	48	24	96
Max 2.5G/5G	12	6	6	6	96/16
Max 10G	4	2	4	2	12
Max 25G	2	1	2	1	12
Max 100G	2	1	2	1	2
Latency	1.2µs				
Buffer	6MB				

Arista 750XP Series Modular Campus PoE switches

- Modern modular wiring closet PoE switch
- Up to 384 PoE ports with 60W PoE
- Intelligent Power Management with dynamic power management on every POE port
- Dual Supervisors with integrated uplinks that are all active
- MACsec capable on all ports
- Compact designs with a choice of 7U or 10U and just 16.5" depth



Chassis		750XP	750XP
Linecards		8	5
10G 60W Ports		384	240
5G 60W Ports		384	240
2.5G 60W Ports		384	240
1G 30W Ports		384	240
Supervisor		2	2
Sup25 Ports		8	8
Sup100 Ports		4	4
System Height (RU)		10U	7U

Two supervisor choices, with either 2 x 100G or 4x 25G ports on each, allow for an all active model. The system has up to 4 x 100G or 8 x 25G with dual supervisors.

VOLUME MODULAR SPINE/SPLINE™

- Enterprise & Cloud DC spine
- DC end-of-row switching

CAMPUS

- Campus spine switching
- Campus leaf switching

VOLUME FIXED LEAF

- Enterprise & Cloud DC leaf
- Smaller DC spine

EOS

VALUE MODULAR SPINE/SPLINE™

- Hyperscale Cloud DC spine
- Hyperscale Cloud DC edge
- SP core

VALUE FIXED LEAF

- Specialized DC leaf & spine
- DC edge, SP core & edge...
- Services nodes (FW, NAT, SLB)

Arista 7800R3 Highest 400G Density Switches

- Programmable support for over 2.5 million routes, 400/100G density and flexible table sizes
- Up to 460Tbps of performance with embedded MACsec



7800R3 Series			
	7804R3	7808R3	7816R3
Slots	4	8	16
Rack Units	10	16	31
Max 400G	144	288	576
Max 100G	192	384	768
Max 25G	384	768	1536

7800R3 Series Line Cards			
	7800R3-36P	7800R3-36D	7800R3-48COM*
Ports	36 x 400G QSFP	36 x 100G QSFP	48 x 100G QSFP
Max 400G	36	-	-
Max 100G	144	48	48
Max 25G	288	96	96
Buffer	24GB	8GB	8GB

Arista 7500R & R2 Modular Spine 10/25/40/100G Switches

- Programmable support for over 2 million routes, 100G density and large table sizes
- Ideal for Data Center networks and universal spines with internet routing scalability

7500R/R2 Series Chassis				
	7504R	7508R	7512R	7516R
Slots	4	8	12	16
Rack Units	7	13	18	29
Max 400G	-	-	-	-
Max 100G	144	288	432	576
Max 25G	576	1152	1728	2304

7500R Series Line Cards			
	7500R-36CQ	7500R-36CQD	7500R-48CQ
Ports	36 x 100G QSFP	36 x 100G QSFP	36 x 100G QSFP
Max 100G	36	36	36
Max 40G	2	2	2
Max 25G	8	8	8
Max 10G	36	36	36
Buffer	4GB	16GB	16GB

Arista 7500R3 Modular 100/400G Spine Switches

- 400G and 100G Ethernet support and internet scale tables with investment protection
- Up to 230Tbps of performance, DCI and universal spine, service provider and cable deployments

7500R3 Series			
	7504R3	7508R3	7512R3
Slots	4	8	12
Rack Units	7	13	18
Max 400G	96	192	288
Max 100G	144	288	432
Max 25G	768	1536	2304

7500R3 Series Line Cards			
	7500R3-36CQ	7500R3-36CQD	7500R3-48CQ
Ports	36 x 100G QSFP	36 x 100G QSFP	36 x 100G QSFP
Max 400G	36	36	36
Max 100G	144	144	144
Max 25G	576	576	576
Buffer	16GB	16GB	16GB

Arista 7060X Cloud Optimised 10/25/40/50/100G Switches

- 1RU and 2RU fixed configuration 25G, 40G, 100G and 400G Data Center switches with wire speed layer 2 and layer 3 features
- Rich choice of interface speed and density to seamlessly evolve from 10G/40G to 25G/100G and 200G/400G



7060X3-32		7060X3-48
Ports	32 x 100G QSFP 2 x SFP	32 x QSFP-DD 2 x SFP
Rack Units	1	1
Max 400G	32	32
Max 100G	128	128
Latency	700ns	
Buffer	64MB	

7060X2-32B		7060X2-48YC6	7260X3-64
Ports	32 x 100G QSFP 2 x 10G SFP	48 x 25G SFP 6 x 100G QSFP	64 x 100G QSFP 2 x 10G SFP
Rack Units	1	2	2
Max 100G	32	6	64
Max 25G	128	72	128
Latency	450ns		
Buffer	22MB	42MB	

Arista 7050X3 10/25/40/50/100G Switches

- Compact, energy efficient form factors with wire speed layer 2 and layer 3 features, low latency and advanced EOS features
- Flexible speed combinations incl. 10G, 25G, 40G and 100G to accommodate different Data Center applications



* MACSec on all ports					
	7050X3-32S	7050X3-48YC8	7050X3-48YC12	7050X3-48YC8	7050X3-48C8
Ports	32 x 100G QSFP 2 x 10G SFP	48 x 25G SFP 8 x 100G QSFP	48 x 25G SFP 12 x 100G QSFP	48 x 10G SFP 8 x QSFP100	48 x 10G-T 8 x 100G QSFP
Rack Units	1	2	1	1	1
Max 100G	32	8	12	8	8
Max 25G	128	128	96	56	8
Max 10G	128	129	96	56	56
Latency	800ns				
Buffer	3µsec				

Arista CloudVision™

Arista CloudVision™ delivers a network-wide approach for workload orchestration, workflow automation and real-time telemetry built on Arista's open, standards-based and fully programmable EOS® (Extensible Operating System)



- #### Features & Benefits:
- Centralized View of the Network
 - Integration with 3rd party overlay and orchestration controllers
 - Topology View
 - Hardware and Software Abstraction
 - Macro-Segmentation™ Services (MSS)
 - State Streaming Telemetry for live monitoring and historic forensic troubleshooting
 - Full Change Management Framework
 - Automated, zero touch Provisioning and configuration management
 - Smart System Upgrade (SSU) with a Network-Wide Scope
 - Automated Network Rollback
 - Compliance Dashboard for Security, Audit and patch management
 - Open API Integration

Arista 7130 Ultra Low latency L1 and FPGA switches

- Layer 1+ switching in 4 ns
- Functionality incl. Signal regeneration, Media conversation, Port mirroring, Telemetry, Dynamic patching/link management, Layer 1+ statistics on every link
- FPGA-enabled - Up to 3 Xilinx FPGAs on a single device
- Powerful Network Applications

	7130 Connect Series	7130E Series	7130/LB Series
Description	Layer 1 switch	FPGA switch	FPGA switch
Ports	16/48/96	48	32/48/96
#FPGA	None	Up to 3	1
FPGA	NA	Xilinx Virtex® UltraScale+	Xilinx Virtex UltraScale®
OT Chip RAM	NA	NA	Yes
Clock Module	NA	NA	OCCO or Atomic

Arista 7170 Multi-function Programmable Switches

- 100G switches with layer 2 and layer 3 features
- Forwarding engine combined with programmable data plane and custom forwarding profiles
- Up to 64 ports of 100G for deployment in both leaf and spine roles



	7170-64C	7170-32C	7170-32CQ
Ports	64 x 100G QSFP	32 x 100G QSFP	32 x 100G QSFP
Rack Units	2	1	1
Max 100G	64	32	32
Max 25G	256	128	128
Max 10G	256	128	128
Latency	From 800ns		
Buffer	Up to 22MB Fully Shared		

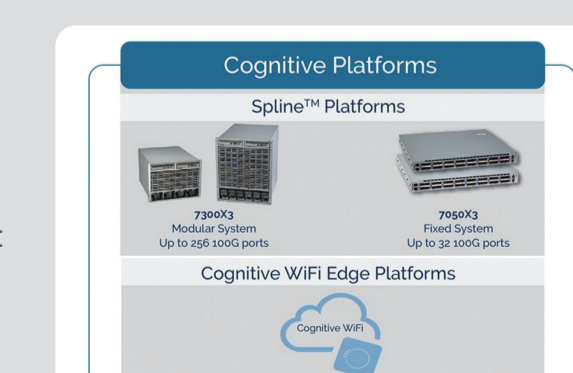
Arista 7010T 1GbE/10GbE Switching

- 48 100/1000BASE-T and four integrated 1/10G SFP ports
- Non-blocking design with 40Gbps of uplink bandwidth
- Power efficient solution in a compact footprint with scalable forwarding tables

7010T	
Ports	48 100/1000BASE-T 4 10G SFP
Max 1G	52 (48 RJ45 + 4 x SFP)
Max 10G	4
Max 100G	-
Latency	3µs
Rack Units	1
Buffer	4MB

Cognitive Wi-Fi

- Certifiable intelligent Wi-Fi 6 Access points
- Cognitive Management Plane
- IE Universal Cloud Network



AI-Driven Network Detection and Response



Arista 7020R 1GbE/10GbE Switching

- Dynamic and deep buffering with wirespeed 1/10G and 10/100G.
- Features such as FlexRoute, VXLAN and LANZ
- 1RU switches for storage, multimedia, content delivery networks, edge compute and lossless Data Center designs



	7020R-32C2	7020R-24C2	7020TR
Ports	32 x 1/10G SFP 2 x 10G QSFP	24 x 1/10G SFP 2 x 10G QSFP	48 100/1000BASE-T 6 10G SFP
Rack Units	1	1	-
Max 100G	2	2	-
Max 25G	8	8	-
Max 10G	32	24	6
Max 1G	32	24	54 (48 RJ45 + 6 x SFP)
Latency	Under 3.8µs		
Buffer	3GB		