


# ARISTA Networking Platforms

## 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 leaf, spine and Spine™ Data Center and Campus networks



7300X Series			7300X3 Line Cards	
Model	7304X3	7308X3	7300X3-32C	7300X3-48YC4
Line Card Slots	4	8	Ports	32 x 100G QSFP
Rack Units	8	13	7300X3-48YC4	48 x 25G SFP
Max 100G ports	128	256	Ports	4 x 100G QSFP
Max 25G ports	512	1024	Max 100G	32
			Max 25G	128
			Buffer	64 MB
				32 MB

### Arista 7368X4 Cloud Optimized 100G/400G

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

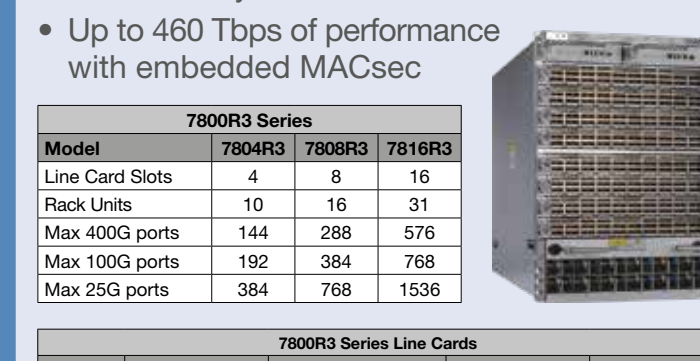


7368X4 Series		7368X4 Line Cards		
Model	7368-4P	7368-16C	7368-16S	7368-16S
Line Card Slots	8			
Rack Units	4			
Max 400G ports	32			
Max 200G ports	64			
Max 100G ports	128			
Max 25G ports	128			
Latency	800 ns			
Buffer	64 MB			



### Arista 7800R3 Highest 400G Density Switches

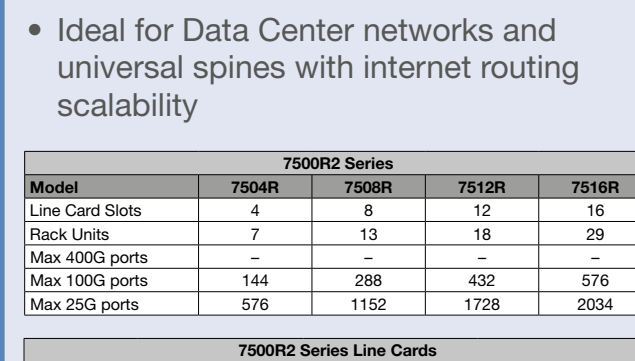
- Programmable support for over 2.5 million routes, 400/100G density and flexible table sizes
- Up to 460 Tbps of performance with embedded MACsec



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

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

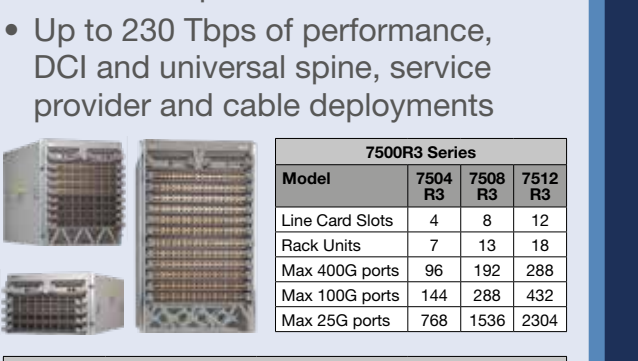
- Programmable support for over 2 million routes, 100G density and large table sizes
- Ideal for Data Center networks and universal spines with internet routing scalability



7500R2 Series				
Model	7504R2	7508R2	7512R2	7516R2
Line Card Slots	4	8	12	16
Rack Units	7	13	19	25
Max 400G ports	—	—	—	—
Max 100G ports	144	288	432	576
Max 25G ports	576	1152	1728	2304

### Arista 7500R3 Modular 100/400G Spine Switches


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



7500R3 Series			
Model	7504R3	7508R3	7512R3
Line Card Slots	4	8	12
Rack Units	7	13	19
Max 400G ports	96	192	288
Max 100G ports	144	288	432
Max 25G ports	768	1536	2304

### Arista 720XP 10M-mG Campus PoE switches

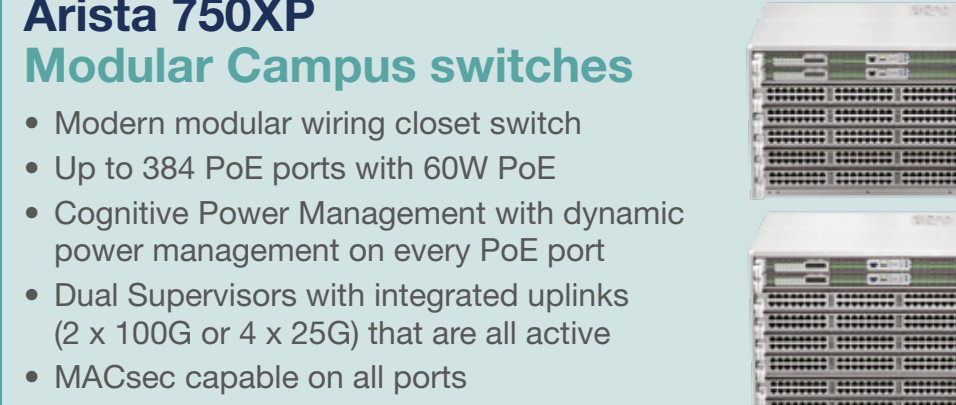
- Cloud grade performance with PoE connectivity for all campus workloads
- PoE supporting up to 60W via RJ45 ports
- Speed options from 10 Mbps to 5 Gbps over UTP



720XP Series			
Model	720XP-96ZC2	720XP-48ZC2	720XP-24Z2Y4
Ports	96 x mG RJ45	48 x mG RJ45	24 x mG RJ45
Max 1G	96	48	24
Max 2.5G	80	40	16
Max 5G	16	8	4
Max 25G	12	6	3
PoE	96 x 60W	48 x 60W	24 x 60W & 16 x 30W
Speeds supported (RJ45)	100M, 1G, 2.5G, 5G		10M, 100M, 1G
Buffer	12 MB	6 MB	6 MB

### Arista 750XP Modular Campus switches

- Modern modular wiring closet switch
- Up to 384 PoE ports with 60W PoE
- Cognitive Power Management with dynamic power management on every PoE port
- Dual Supervisors with integrated uplinks (2 x 100G or 4 x 25G) that are all active
- MACsec capable on all ports
- PoE supporting up to 60W via RJ45 ports
- High Availability design with SSO at sub second level



750XP Series			
Model	750XP-8	750XP-5	750XP-7
Line Card Slots	8	5	7
Rack Units	10	7	10
Max 10G PoE ports	384	240	384
Max 1-2.5-5G PoE ports	384	240	384
Speeds supported	1G, 2.5G, 5G, 10G, 100M, 1G		10G, 100M, 1G
Latency	8	8	8
Max 100G uplinks	4	4	4
Buffer	4	4	4

### 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

### VALUE MODULAR SPINE/SPLINE™

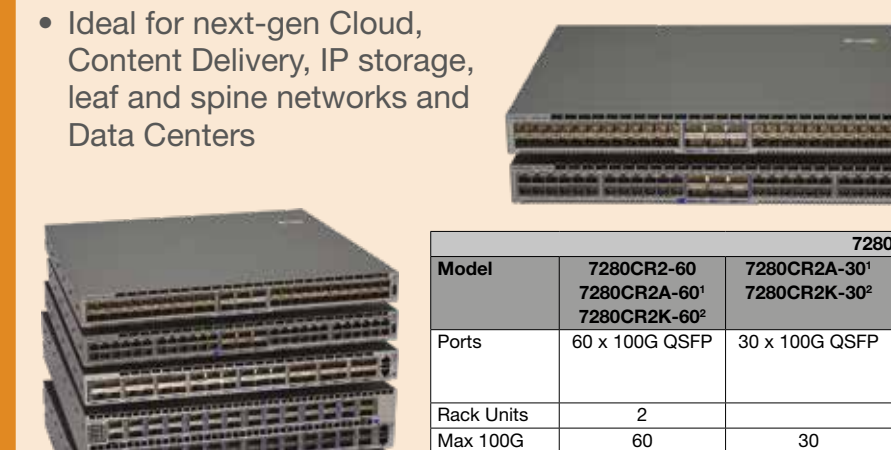
- Hyperscale Cloud DC spine
- Hyperscale Cloud DC edge
- SP core

### VALUE FIXED LEAF

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

### Arista 7280R/R2/R3 Dynamic Deep Buffer 10/25/50/100G Switches

- Dynamic and deep buffers for lossless forwarding, high density 100G and 400G Ethernet, internet scale table sizes and rich L2 & L3 features e.g. VXLAN and LANZ
- Ideal for next-gen Cloud, Content Delivery, IP storage, leaf and spine networks and Data Centers




7280R3 Series						
Model	7280R3-24	7280R3-32P4	7280R3-96	7280R3-36S	7280R3-48YC8	7280R3-48YC8
Ports	24 x 400G OSFP/QSFP-DD	32 x 100G OSFP/4 x 400G OSFP/QSFP-DD	96 x 100G QSFP	36 x 100G QSFP	48 x 25G SFP	48 x 25G SFP
Rack Units	1	2	2	1	1	1
Max 400G	24	4	—	2	—	—
Max 100G	96	48	96	40	80	80
Max 25G	192	96	192	120	80	80
Max 10G	192	96	192	120	80	80
Latency			From 3.8 us			
Buffer	16 GB	8 GB	16 GB	4 GB	4 GB	4 GB

### Arista 7280R/R2/R3 Dynamic Deep Buffer 10/25/50/100G Switches

7280R2 & R2 Series						
Model	7280R2-60	7280R2-30	7280R2-48YC8	7280R2-48YC8	7280R2-48YC8	7280R2-48YC8
Ports	60 x 100G QSFP	30 x 100G QSFP	48 x 25G SFP/6 x 100G QSFP	24 x 25G SFP/24 x 10G SFP/6 x 100G QSFP	48 x RJ45	48 x SFP+
Rack Units	2	1	1	1	1	1
Max 100G	60	30	6	6	6	6
Max 25G	240	120	72	48	24	24
Max 10G	240	120	72	48	24	24
Latency			From 3.8 us			
Buffer	24 GB	12 GB	8 GB	4 GB	4 GB	4GB

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

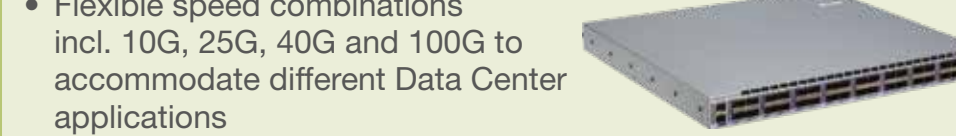
- 1RU and 2RU fixed configuration 25G, 40G, 100G and 400G Data Center switches with wire speed layer 2 and layer 3 features
- Rich choice of interface speed and density to seamlessly evolve from 10G/40G to 25G/100G and 200G/400G



7060X Series				
Model	7060X4	7060X3	7060X2	7060X2
Ports	32 x 400G OSFP or OSFP-DD 2 x 10G SFP	64 x 100G QSFP	32 x 100G QSFP	48 x 25G SFP
Rack Units	1	2	1	1
Max 400G	32	—	—	—
Max 100G	64	64	32	6
Max 25G	128	128	128	72
Max 10G	130	130	130	72
Latency	700 ns		450 ns	
Buffer	64 MB	42 MB	22 MB	

### Arista 7050X3 Enterprise Class 10/25/40/50/100G Switches

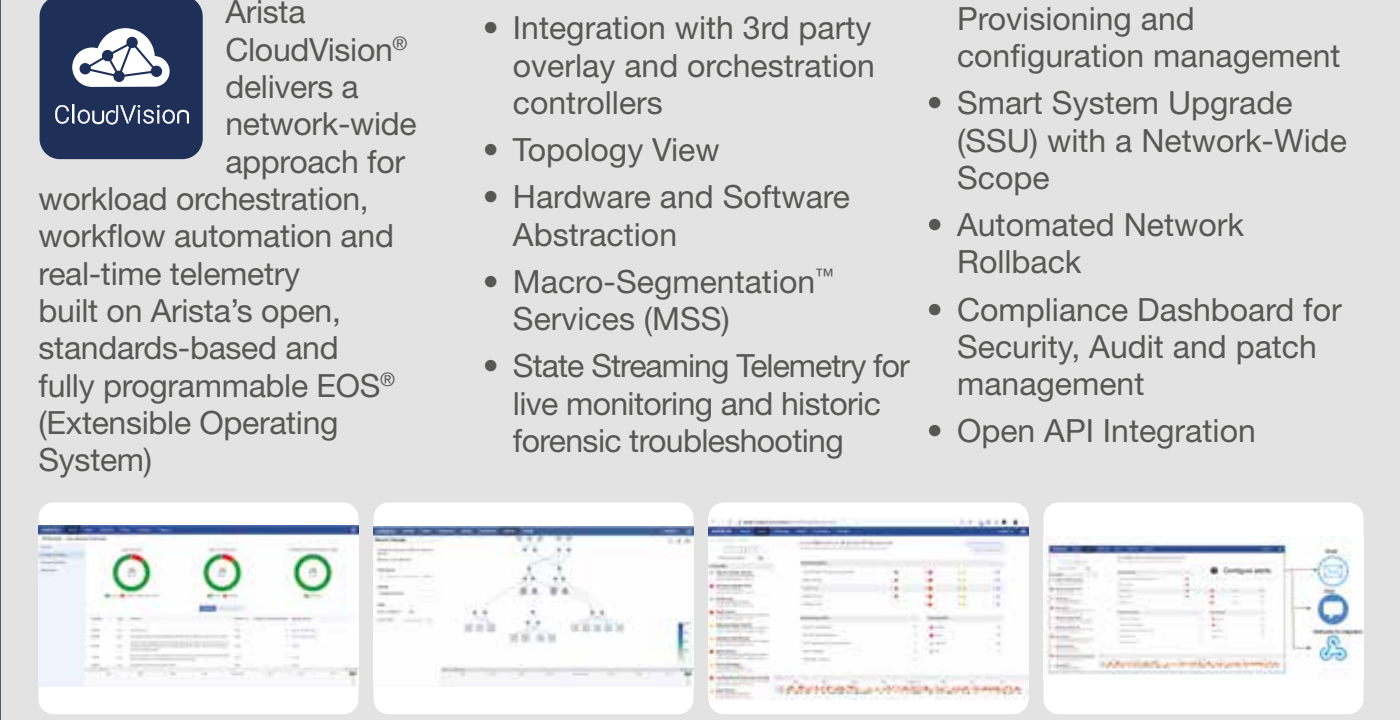
- Compact, energy efficient form factors with wire speed layer 2 and layer 3 features, low latency and advanced EOS features
- Flexible speed combinations incl. 10G, 25G, 40G and 100G to accommodate different Data Center applications



7050X3 Series					
Model	7050X3-32S	7050X3-8YC8	7050X3-48YC12	7050X3-48YC8	7050X3-48YC8
Ports	32 x 100G QSFP	8 x 25G SFP/2 x 10G SFP	48 x 25G SFP/12 x 100G QSFP	48 x 25G SFP/8 x 100G QSFP	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	64	16
Max 10G	129	129	96	64	64
Latency		800 ns			3 us
Buffer		32 MB (Dynamic Buffer Allocation)			

### Arista CloudVision™

- 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



### 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 – using Xilinx FPGAs
- Powerful Network Applications

7130 Connect Series		7130L/LB Series	
Description	Layer 1 Switch	Layer 1 + FPGA switch	
Ports	16/48/96	48/96	
#FPGA	None	1	
FPGA	NA	Xilinx Virtex UltraScale+	
Off Chip RAM	NA	Yes	
Clock Module	NA	OCXO 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 Series		
Model	7170-64C	7170-32C
Ports	64 x 100G QSFP	32 x 100G QSFP
Rack Units	2	1
Max 100G	64	32
Max 25G	256	128
Max 10G	258	130
Latency		From 800 ns
Buffer		Up to 22 MB Fully Shared

### Arista 7010T 1GbE/10GbE Switching

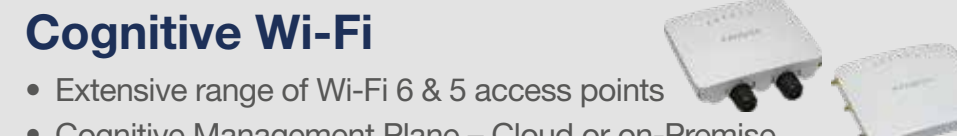
- 48 100/1000BASE-T and four integrated 1/10G SFP ports
- Non-blocking design with 40Gbps of uplink bandwidth
- Power efficient solution in a compact footprint with scalable forwarding tables



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

### Cognitive Wi-Fi


- Extensive range of Wi-Fi 6 & 5 access points
- Cognitive Management Plane – Cloud or on-Premise
- Integrated firewall, traffic shaping, QoS and BYOD controls per SSID
- Application visibility through layer 7 deep packet inspection
- Versatile 3rd radio for WIPS, Scanning and Client Connectivity Tests



Wi-Fi Support	C-260 / O-235 / Q-235E				C-230 / C-230E		C-200
	5GHz	8x8-B	4x4-A	4x4-A	2x2-B	2x2-B	2x2-B
Wired Ports	2 x 5G with PoE fallover	1x 5G (PoE) 1 x 1G	1 x 5G (PoE) 1 x 1G	1 x 1G (PoE)			
Multifunction 3rd Radio	Y	Y	Y	Y			
Integrated BLE	Y	Y	Y	Y			
External Antenna Option	—	Y (Q-235E)	Y (Q-230E)	—			

### AI-Driven Network Detection and Response

- Threat Detection (Adversarial Modeling™)
- Situational Awareness (EntityIQ™)
- Autonomous Security (AVA™)



### Arista 7020R 1G/10G Switching

- Dynamic and deep buffering with wire-speed 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 Series			
Model	7020SR-32C2	7020SR-24C2	7020TR
Ports	32 x 1/10G SFP	24 x 1/10G SFP	48 x 100/1000BASE-T 4 x 10G SFP
Rack Units	1	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			From 3.8 us
Buffer			3 GB