ARISTA

CLOUD NETWORKING PORTFOLIO

Arista Networks is the leader in building software driven cloud networks for today's datacenter, cloud and campus environments. Arista delivers the most efficient, reliable and high performance Universal Cloud Network architectures based on 10G, 25G, 40G, 50G and 100G platforms delivered with an extensible operating system – Arista EOS®. Arista EOS is built on an open, programmable, and resilient state-sharing architecture that delivers maximum system uptime, reduces CAPEX and OPEX by simplifying IT operations and enables business agility. Arista EOS software offers programmability at all layers, including eAPI, EOS SDK, Linux, DevOps integration, and broad scripting support. Arista CloudVision® software extends the EOS state-based architecture to a network-wide scope with NetDB, a platform for workflow automation, workload orchestration, and advanced visibility. CloudVision's open framework leverages modern APIs and state streaming as the basis for cognitive analytics, including machine learning and artificial intelligence, helping to diagnose and remediate network issues across both wired and wireless networks.

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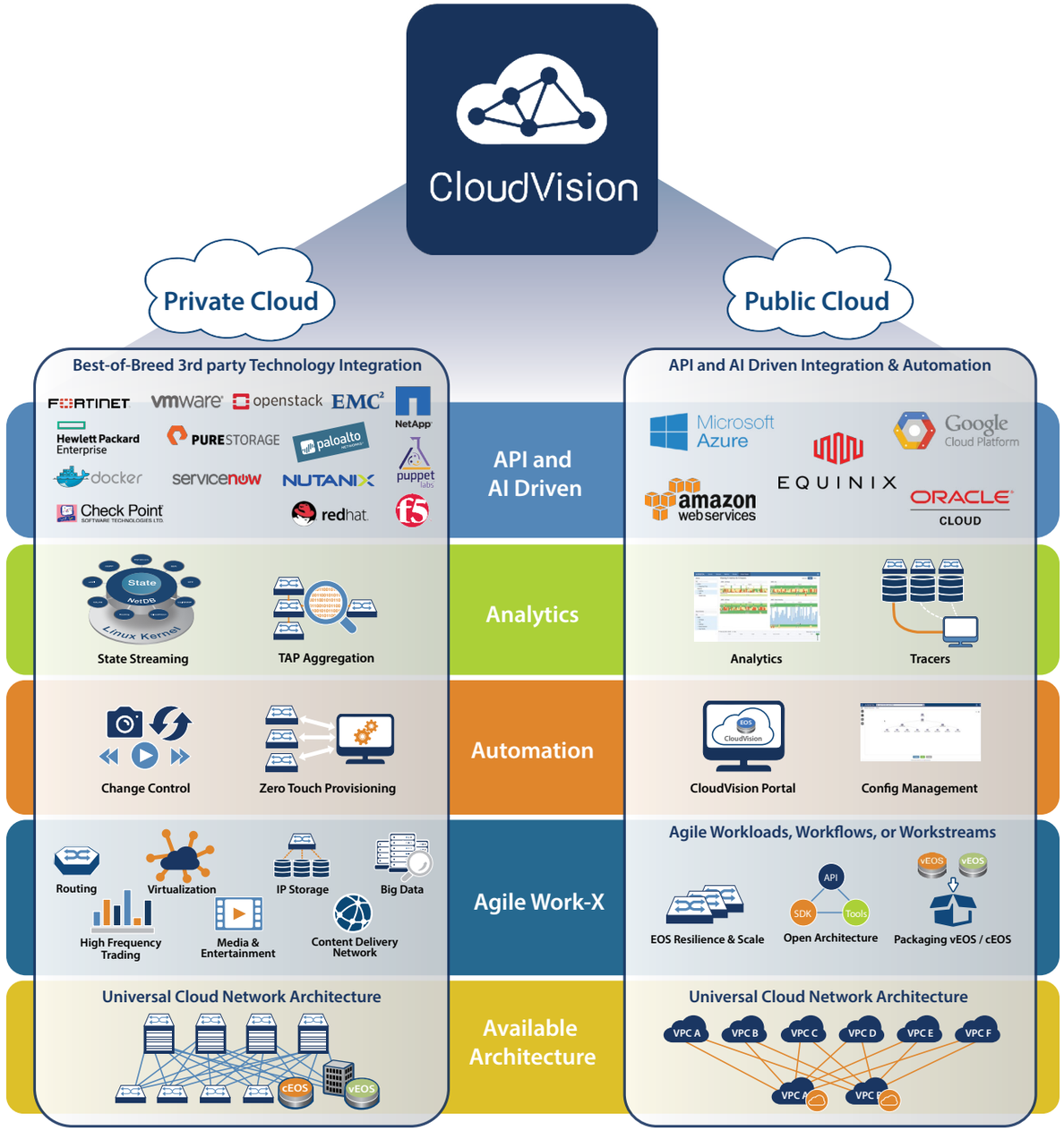
UNIVERSAL CLOUD NETWORK AND ECOSYSTEM



TCO

3x
Savings with faster migration and integration between public and private cloud

10x
OPEX savings using single pane of glass for network automation and analytics into public and private cloud

5x
Cost savings using same operational model for public and private cloud

ARISTA - THE PLATFORM FOR SOFTWARE DRIVEN CLOUD NETWORKING

- Fully programmable platforms allow rapid, automated deployment and provisioning
- Open SDK/APIs for easy integration with third-party and customer extensions
- Single-OS consistency across use cases for every place in the cloud
- Proven solutions and reference designs with a broad best-in-class ecosystem of partners

ANY CLOUD API

SDN Controllers and Security

VMware NSX, OVSDB Controllers, Checkpoint, Fortinet, Palo Alto Networks

DevOps / Network Services

Ansible, Docker, Kubernetes, Terraform

Orchestration/ IT Operations Tools

OpenStack, HPE VMware vCenter, ServiceNow

Big Data Analytics

Splunk Enterprise, VMware Log Insight

Hybrid Cloud

AWS, Microsoft Azure, Oracle Cloud Inrfrastructure, Google Cloud Platform

ARCHITECTURE

High Availability

- Open, predictable and efficient network designs with only modern, open and standards-based protocols using ECMP & VXLAN
- Advanced hitless upgrade/update and auto recovery features with 100% active-active utilization of all bandwidth, resources and links

Scalability

- A state sharing, highly resilient, multi-process architecture that enhances reliability, visibility and scalability
- Supports networks from a few nodes to millions of VMs, containers and end-points at Internet scale and with linear expansion

Efficiency

- Designed to utilize advancing developments in merchant silicon hardware, ensuring a path for customers to new advances in speed, scale and efficiencies with proven investment protection

AUTOMATION

Cloud Automation for Everyone

- CloudVision provides a turnkey automation hub for config and image management, change control simplification, operations compliance, and much more

Zero Touch Provisioning

- Reduce operating costs and time to production with ZTP by eliminating human errors during rack expansion or replacement
- Automate infrastructure scale-out using standards-based mechanisms that are customizable and scripted at any scale

DevOps Integration

- Integrate development and operations workflows with DevOps and CI/CD tools including Kubernetes, Docker, Ansible, Terraform, and others
- Automate network and server management with access to any virtualized, containerized or Linux tool running natively on EOS

ANALYTICS

Telemetry

- Access network-wide control plane and data plane telemetry in realtime and for historical forensic troubleshooting purposes
- Visibility extends to hosts with endpoint inventory and behavior modeling

Tracers

- Enable real-time visibility and automation for highly dynamic, virtualized, containerized, big data and bare metal workloads
- Correlate network health and reachability information with workload placements in the public, private and hybrid cloud

TAP Aggregation and Advanced Mirroring

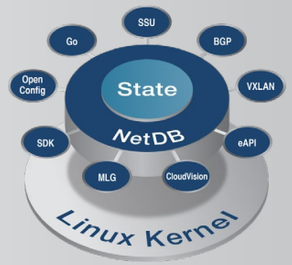
- Get precision access to raw and filtered packet data anywhere and anytime at industry-leading scale with both in-band and out-of-band capture, replication and analysis capabilities
- Generate and analyze high rate sFlow metadata for macro-level visibility into performance trends and security threats

FOUNDATION FOR UNIVERSAL CLOUD NETWORKING

EOS – Open and Extensible Networking Software

- State sharing, highly resilient, multi-process architecture that enhances reliability, visibility, serviceability at any scale
- Built on state-of-the-art NetDB process isolation architecture and continuous development model to enable ease of customer extension, high stability and rapid delivery of advanced features
- At its core, a native unmodified Linux kernel and runtime supporting open APIs, Python, Go, JSON eAPI/SDK, OpenFlow/DirectFlow, AEM event notification, Docker runtime, Linux tools, etc.
- Packaged as bundled EOS on Arista switches, containerized EOS, or virtualized EOS – for any production or simulation use case

ARISTA EOS



CloudVision – A Platform for Cloud Automation and Visibility

- Extends EOS state-based architecture to a network-wide model for provisioning, orchestration, and telemetry
- Unified control point for third party overlay controllers, orchestration systems, and security platforms
- Consistent operations across a broad scope, including campus + datacenter and wired + wireless networks

Fixed

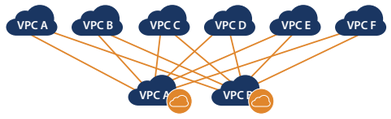
	10G Leaf	Programmable Leaf			Multi Function Programmable		10/25/40/100 G			10/25/40/100/400 G Spline™					10/40/100G Dynamic Deep Buffers				25/100/400G Universal Spine			
Product Line Overview																						
Chassis	7020SR	7160			7170		7050X3			7060X / 7260X / 7368X4					7280R				7280R3			
Model Number	24C2 / 32C2	48T	48Y	32C	32C	64C	TX3	SX3	CX3	SX2-48YC6	CX-32S	CX3-64	DX4/PX4-32	7368X4	SR	TR	QR	CR	SR3	CR3	PR3	DR3
Height	1RU	1RU			1RU	2RU	1RU	1RU / 2RU	1RU	1RU	1RU	2RU	1RU	4RU	1RU	1RU	1RU/2RU	2RU	1RU	1RU/2RU	1RU	1RU
Switching Capacity	1.04Tbps	2.16Tbps	3.6Tbps	6.4Tbps	6.4Tbps	12.8Tbps	2.56Tbps	4-6.4Tbps	6.4Tbps	3.6Tbps	6.4Tbps	12.8Tbps	25.6Tbps		2.16Tbps	2.16Tbps	4.32-6.4Tbps	6-12Tbps	2Tbps	4.8 - 9.6Tbps	9.6Tbps	9.6Tbps
Forwarding Capacity	300Mpps	1.28pps			2.58pps	5.08Bpps	1Bpps	2Bpps	2Bpps	2.7Bpps	3.3Bpps	4.2Bpps	8Bpps		720Mpps	720Mpps	1.44-2.88Bpps	2.5-5.7Bpps	1Bpps	2-4Bpps	4Bpps	4Bpps
Ports																						
100/1000 BASE-T	–	–			–		–			–					–				–			
100Mb/1Gb/10Gb BASE-T	–	48	–	–	–		48	48/96	2	–					–				–			
1/10GbE (SFP+)	24 or 32	–	48	–	2	2	4-8	96	–	–	–	2	2	–	48	–	–	–	–			
10/40GbE	–	72/6	72/6	128/32	–		–		128/32	72/6	128/32	128/64	-/128		24/6	24/6	144-160/36-72	120-140/30-60	80/8	192/96	96/24	96/24
25/100GbE	2	24/6	72/6	128/32	128/32	256/64	–/8	128/8	128/32	72/6	128/32	128/64	-/128		24/6	24/6	6-16	120-140/30-60	80/8	192/96	192/96	192/96
400GbE	–	–			–		–			–			32		–				–	4	24	24
Port-Port Latency	3usec	From 3usec		From 2usec	Sub usec		3usec	800ns	800ns	450ns	450ns	450ns	700ns		From 3.8usec				under 4usec			
Forwarding Technology	–	Store and Forward			Cut-Through		Cut-Through			Cut-Through					Store and Forward				Store and Forward			
Buffer Size	3GB	24MB			22MB		32MB	32MB	32MB	22MB	16MB	42MB	64MB		4GB	4GB	8-16GB	12-24GB	8GB	8-16GB	16GB	16GB
Environmental																						
AC + AC Power Redundancy	Yes	Yes			Yes		Yes			Yes					Yes				Yes			
DC Power	Yes	Yes			Yes		Yes			Yes			–		Yes				Yes			
N+1 Hot Swappable Fans	Yes	Yes			Yes		Yes			Yes					Yes				Yes			
Average/Max Power Draw (W)	95 / 105	408/482	168/382	310/465	221/490	271/571	212/346	124-218/301-453	192/362	220/385	220/410	340/660	640/915	961/1998	263/381	290/405	9/15 per port	34-42 per port	350	535-1003	650	650
Front-to-Rear/Rear-to-Front Air	Yes / Yes	Yes / Yes			Yes		Yes/Yes			Yes/Yes			Yes/No	Yes/Yes	Yes / Yes			Yes / No	Yes / Yes	Yes / No		
Features																						
EOS Single Binary Image	Yes	Yes			Yes		Yes			Yes					Yes				Yes			
Latency Analyzer (LANZ)	No	Yes			Yes		Yes			Yes					Yes				Yes			
VM Tracer	Yes	Yes			Yes		Yes			Yes					Yes				Yes			
Zero Touch Provisioning (ZTP)	Yes	Yes			Yes		Yes			Yes					Yes				Yes			
Max VLANs	4,096	4,096			4,096		4,096			4,096					4,096				4,096			
Max MAC Entries	256K	128K			64K		288K			136K		264K	72K		768K				448K			
Multi Chassis LAG	Yes - 32 Link	Yes - 64 Link			Yes - 64 Link		Yes - 64 Link			Yes - 64 Link					Yes - 128 Link				Yes - 128 Link			
Max ARP Entries	80K	80K			128K		64K			32K (208K UFT *)		48K	64K		92K - 736K				240K			
Max Routes (IPv4 / IPv6)	200K/100K	128K/64K			160K/16K		32K/8K (360K/40K UFT *)			16K/8K (144K/77K UFT *)		180K/90K (UFT *)	480K/300K		over 1M+ entries in hardware				over 1.3M+ entries in hardware			
BGP/OSPF	Wirespeed	Wirespeed			Wirespeed		Wirespeed			Wirespeed					Wirespeed				Wirespeed			
Multicast Routing	PIM-SM	PIM-SM			PIM-SM		PIM-SM			PIM-SM					PIM-SM				PIM-SM			
Multicast Groups	24K	128K			16K		8K			8K		16K	8K		128K				128K			

Modular

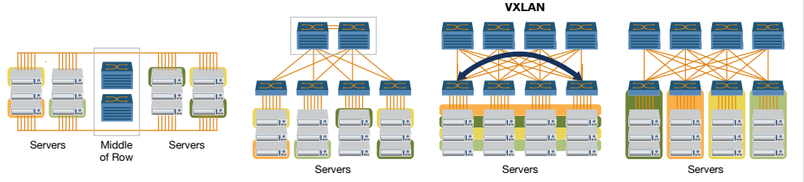
	10/40/100G Spline™		10/25/40/50/100G Universal Spine				100/400G Universal Spine					
Product Line Overview												
Chassis	7300		7500R				7500R3			7800R3		
Model Number	4-Slot	8-Slot	4-Slot	8-Slot	12-Slot	16-Slot	4-Slot	8-Slot	12-Slot	4-Slot	8-Slot	16-Slot
Height	8RU	13RU	7RU	13RU	18RU	29RU	7RU	13RU	18RU	10RU	16RU	13RU
Line Card Slots	4	8	4	8	12	16	4	8	12	4	8	16
Backplane Capacity	25Tbps	50Tbps	38.4Tbps	76.8Tbps	115Tbps	150Tbps	76.8Tbps	153.6Tbps	230Tbps	115Tbps	230Tbps	460Tbps
Switching Capacity	25Tbps	50Tbps	38Tbps	75Tbps	115Tbps	150Tbps	76.8Tbps	153.6Tbps	230Tbps	115Tbps	230Tbps	460Tbps
Per Slot Capacity	3.2Tbps In / 3.2Tbps Out		9.6Tbps				9.6Tbps			14.4Tbps		
Forwarding Capacity	19Bpps	38Bpps	69Bpps				48Bpps			96Bpps		
Ports												
1/10GbE (SFP+)	192	384	192	384	576	768	–			–		
10/40GbE	512/128	1024/256	576/144	1152/288	1728/432	2304/576	–			–		
25/100GbE	512/128	1024/256	576/144	1152/288	1728/432	2304/576	288/144	576/288	864/432	384/192	768/384	1536/768
400GbE	–		–				96	192	288	144	288	576
Port-Port Latency	550-1800ns		under 4usec				under 4usec			under 4usec		
Forwarding Technology	Store and Forward		Store and Forward				Store and Forward			Store and Forward		
Buffer Size	96MB	192MB	96GB	192GB	288GB	384GB	64GB	128GB	192GB	96GB	192GB	384GB
Environmental												
AC + AC Power Redundancy	Yes		Yes				Yes			Yes		
DC Power	Yes		Yes				Yes			Yes		
N+1 Hot Swappable Fans	Yes		Yes				Yes			Yes		
Average/Max Power Draw (W)	1560/2262	2986/4360	3650/4978	6439/8586	9618/12824	12824/17098	see datasheet			see datasheet		
Front-to-Rear/Rear-to-Front Air	Yes		Yes				Yes			Yes		
Features												
EOS Single Binary Image	Yes		Yes				Yes			Yes		
Latency Analyzer (LANZ)	Yes		Yes				Yes			Yes		
VM Tracer	Yes		Yes				Yes			Yes		
Zero Touch Provisioning (ZTP)	Yes		Yes				Yes			Yes		
Max VLANs	4,096		4,096				4,096			4,096		
Max MAC Entries	288K		768K				448K			448K		
Multi Chassis LAG	Yes - 64 Link		Yes - 128 Link				Yes - 128 Link			Yes - 128 Link		
Max ARP Entries	32K (208K UFT *)		738K				240K			240K		
Max Routes (IPv4 / IPv6)	16K/8K (144K/77K UFT *)		Over 1M+ entries in hardware				Over 1.3M+ entries in hardware			Over 1.3M+ entries in hardware		
BGP/OSPF	Wirespeed		Wirespeed				Wirespeed			Wirespeed		
Multicast Groups	8K		128K				128K			128K		

Universal Cloud Networking

Any Cloud



On Premises



Power Over Ethernet

Product Line Overview							
Chassis	750 Series		720XP				
Model Number	5-Slot	8-Slot	96ZC2	48ZC2	24ZY4	48Y6	24Y6
Height	7RU	10RU	1RU				
100M-1G UTP	240 (30W) +1G	384 (30W) +1G	80 (60W) +2.5G	40 (30W) +2.5G	16 (30W) +2.5G	40 (30W) +10Mb	16 (30W) +10Mb
	240 (60W) +2.5G	384 (60W) +2.5G	16 (60W) +5G	8 (60W) +5G	8 (60W) +5G	8 (30W) +2.5G	8 (30W) +2.5G
	240 (60W) +10G	384 (60W) +10G					
25/100G	8/4	8/4	12/2	12/2	4/0	6/0	6/0
Switching Capacity	1.15Tbps	1.6Tbps	1160Gbps	880Gbps	360Gbps	420Gbps	372Gbps
Forwarding Capacity	850Mpps		863Mpps	655Mpps	300Mpps	312Mpps	276Mpps
Latency	Under 1usec		1usec				
Packet Buffer	32MB		12MB	6MB			
Environmental							
Airflow	front-rear		front-rear				front to rear and rear to front
N+1 Hot Swap fans	Yes		Yes				
Power Typical (PoE)	see datasheet		245W (378W)	164/177W			
PoE Budget (2 PSU)	see datasheet		2772W	1923W	1523W	1923W	1523W
AC/AC	Yes		Yes				
DC	No		No				Yes
Features							
MAC Adresses	32K		16K				
IGMP Groups	32K		4K				
ARP entries	120K		16K				
IPv4 Multicast Groups	32K		8K				
IPv4/V6 Routes	12K/6K		128K/80K				
LANZ	Yes		Yes				
VM tracer	Yes		Yes				
VXLAN	Yes		Yes				
Routing	BGP and OSPF		BGP and OSPF				
ZTP	Yes		Yes				
MAX vlans	4096		4096				
Jumbo	9216		9216				
Multicast routing	PIM-SM		PIM-SM				

1G Leaf and Management

Product Line Overview		
Chassis	7010T	7020TR
Model Number	48	48
Height	1RU	1RU
Switching Capacity	176Gbps	216Gbps
Forwarding Capacity	132Mpps	162Mpps
Ports		
100/1000 BASE-T	48	48
100Mb/1Gb/10Gb BASE-T	–	–
1/10GbE (SFP+)	4	6
10/40GbE	–	–
Port-Port Latency	3usec	3usec
Forwarding Technology	Store and Forward	Store and Forward
Buffer Size	4MB	3GB
Environmental		
AC + AC Power (1+)	Yes	Yes
Hot Swappable Fans	Yes	Yes
Average/Max Power Draw (W)	52/65	105/115
Front-to-Rear/Rear-to-Front Air	Yes / Yes	Yes / Yes
Features		
EOS Single Binary Image	Yes	Yes
Latency Analyzer (LANZ)	No	No
Zero Touch Provisioning (ZTP)	Yes	Yes
Max VLANs	4,096	4,096
Max MAC Entries	84K	256K
Multi Chassis LAG	Yes - 32 Link	Yes - 32 Link

Low Latency

Product Line Overview			
Chassis	7150S		
Model Number	24	52	64
Height	1RU		
Switching Capacity	480Gbps	1.04Tbps	1.28Tbps
Forwarding Capacity	480Mpps	720Mpps	960Mpps
Ports			
1/10GbE (SFP+)	24	52	48
10/40GbE	–	–	16/4
Port-Port Latency	350ns	380ns	380ns
Forwarding Technology	Cut-Through		
Buffer Size	9.5MB - Dynamic Allocation		
Environmental			
Average/Max Power Draw (W)	191/334	191/450	224/455
Front-to-Rear/Rear-to-Front Air	Yes / Yes		
Features			
EOS Single Binary Image	Yes		
Latency Analyzer (LANZ)	Yes		
Zero Touch Provisioning (ZTP)	Yes		
Max VLANs	4,096		
Max MAC Entries	64K		
Multi Chassis LAG	Yes - 32 Link		
Jumbo Frames	9,216 Bytes		
Max ARP Entries	64K		
Max Routes (IPv4 / IPv6)	84K/21K		
Multicast Groups	23K		

TAP Aggregation

Features			
Product Series	7150	7280R/R2	7500R/R2
Aggregation of multiple tap/span ports to tool ports with line rate replication	Yes		
Two way ports for increased capacity	No	–	
Symmetric Load Balancing	Yes		
Traffic filtering with ACLs	Ingress	Ingress/Egress	
Traffic Steering Policies (IP/MAC/User defined fields)	Yes		
Header removal (MPLS/VxLAN/VLAN/GRE)	No	Yes	
Packet truncation	Yes		
Packet time stamping (48-bit/64-bit format)	Yes		
CloudVision Multi-switch GUI for management	Yes		

Ultra-low latency & Programmable 7130 Series

	Models & Ports	Ports (1/10GbE SFP+)	Height (RU)	FPGA(s)	RAM	Clock	Front-to-Rear/ Rear-to-Front Air	Latency Layer 1+	MetaMux Latency	MetaWatch	MultiAccess	Protect Firewall	SwitchApp	ExchangeApp	FPGA dev
Series	Physical						Environmental	Applications							
7130 Connect Series	**16**		1RU	–			Yes	4 ns	–	–	–	–	–	–	–
	48	48		–			Yes	4 ns	–	–	–	–	–	–	–
	96	96	2 RU	–			Yes	6 ns	–	–	–	–	–	–	–
7130E Series	**48E**	48	1 RU	KU095	–		Yes	5ns	47ns	–	Yes	–	–	–	Yes
	96E	96	2 RU		–		Yes	6 ns	47ns	–	Yes	–	–	–	Yes
	32EH	32		3 x VU9P-3	–		Yes	5ns	39ns	–	Yes	–	–	–	Yes
	48EH	48			–		Yes	5ns	39ns	–	Yes	–	–	–	Yes
7130L Series	**48L**	48	1RU	VU7P-2	32GB	OCXO	Yes	5ns	43ns	Yes	Yes	Yes	–	Yes	Yes
	48LA	48				Rubidium	Yes	5ns	43ns	Yes	Yes	Yes	–	Yes	Yes
	96L	96	2RU			OCXO	Yes	6 ns	43ns	Yes	Yes	Yes	–	Yes	Yes
	96LA	96				Rubidium	Yes	6 ns	43ns	Yes	Yes	Yes	–	Yes	Yes
7130LB Series	**32LB**	32	1RU	VU9P-3	32GB	OCXO	Yes	5ns	39ns	Yes	Yes	–	Yes	–	Yes
	32LBA	32				Rubidium	Yes	5ns	39ns	Yes	Yes	–	Yes	–	Yes
	48LB	48				OCXO	Yes	5ns	39ns	Yes	Yes	–	Yes	–	Yes
	48LBA	48				Rubidium	Yes	5ns	39ns	Yes	Yes	–	Yes	–	Yes
	96LB	96	2RU			OCXO	Yes	6 ns	39ns	Yes	Yes	–	Yes	–	Yes
	96LBA	96				Rubidium	Yes	6 ns	39ns	Yes	Yes	–	Yes	–	Yes

7130 Applications

Application	Overview	Key Features	Use it for...
MetaWatch	**Advanced network monitoring**	• Tapping • Large scale, lossless tap aggregation • Multi-port data capture • Sub-nanosecond precise time stamping • Deep buffering (32 GB)	• In-depth network monitoring and visibility • Improved network reliability & troubleshooting problems • Market data & packet capture • Accurate latency measurement & monitoring • Regulatory compliance (MiFID II - RTS 25)
MetaMux	**Low-latency multiplexing**	• Data aggregation in 39 nanoseconds • Deterministic jitter • Packet statistics • BGP & PIM support	• Ultra-low latency network connectivity for trading • Market data fan-out and data aggregation for order entry at nanosecond levels
MultiAccess	**Connection sharing with enhanced security**	• Low-latency multiplexing and security in 85 nanoseconds • ACL-based configurable filtering • Easy to deploy data privacy for connection sharing • Simplified footprint for both mux and filtering applications	• Secure network connection sharing • Providing sponsored access to multiple clients • Multi tenant exchange access • Low latency interconnect sharing
MetaProtect™ Firewall	**Low-latency packet filtering in 112ns**	• 48 x 10GbE port network appliance for packet filtering in parallel between port-pairs • Cut-through filtering via 32 ACLs with up to 510 rules per ACL • Architected for ultra-low-latency with packets passing an ACL being forwarded in 112 nanoseconds or less • Comprehensive logging	• Low-latency firewall
SwitchApp	**Low latency Layer 2 switching**	• 1/10/40G Layer 2 switching, implemented in FPGA • Ultra-low latency packet forwarding in 92-130 ns • Full featured L2 switching pipeline powered by EOS • Non-blocking bandwidth profiles to provide up to 480 Gbps	• Multi-layer MLAG-based leaf-spine fabric, incl. redundant connections • Exchange-facing connectivity • L2 Multicast pub/sub • Supporting Colo deployments with multiple concurrent connections • Optimised distribution of traffic • Low latency back-office or message bus infrastructure
ExchangeApp	**Inline timestamping enables exchange fairness**	• Timestamp at the edge of trading venue networks • Sub-200ns passthrough latency to apply the timestamp • Reliable accuracy and timestamp precision • Accurately synchronise timestamps between multiple ExchangeApp devices	• Increase exchange fairness • Reduce trading venue latency sensitivity • Maintain trade order based on edge timestamps • Reduce complexity and risk of traditional low-latency exchange infrastructures

ARISTA

Enabling wireless networks to learn, predict, protect, and progress, Arista's Cognitive WiFi™ solution optimizes the wireless experience. Harnessing the power of the cloud, big data analytics, and automation, Cognitive WiFi augments network admin capacity with the power of intelligence, speed and accuracy. Through root cause analysis and proactive problem resolution options, Cognitive WiFi also reduces the mean-time-to-resolve problems, minimizing troubleshooting effort for the network.

COGNITIVE WIFI 5 ACCESS POINTS

Model Number	C-130/E	C-110	C-100	O-105/E	W-118
Description	Indoor Access Point for the highest performance (voice, video, data), highest density. Persistent RF analysis by dedicated third radio	Most competitively priced indoor Access Point, ideal for low to medium density environments. Persistent RF analysis by dedicated third radio	Most competitively priced indoor Access Point, ideal for low to medium density environments.	IP67 rated, industrial grade Access Point for outdoor and rugged indoor deployments.	High performance, medium density. Low-profile wall plate Access Point, with support for VLAN segmentation and passthrough.
Radio Components	802.11b/g/n radio	802.11b/g/n radio	802.11b/g/n radio	802.11b/g/n Radio	802.11b/g/n Radio
	802.11a/n/ac radio (Wave 2)	802.11a/n/ac radio (Wave 2)	802.11a/n/ac radio (Wave 2)	802.11a/n/ac (Wave 2) Radio	802.11a/n/ac (Wave 2) Radio
	802.11a/b/g/n/ac scanning radio	802.11a/b/g/n/ac scanning radio			802.11a/b/g/n/ac scanning radio
		BLE		BLE	BLE
	Internal and external antenna models	Internal antenna	Internal antenna	Internal and external antenna models	Internal antenna
Ports	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet	4 x Gigabit Ethernet (1xUplink, 3xLAN Gigabit passthrough)
	Console				
	USB	USB			USB
Max Data Rate	1.7 Gbps / 800 Mbps	867 Mbps / 300 Mbps	867 Mbps / 300 Mbps	867 Mbps / 300 Mbps	867 Mbps / 300 Mbps
Spatial Streams	4x4:4	2x2:2	2x2:2	2x2:2	2x2:2
Channel Width	20/40/80 MHz	20/40/80 MHz	20/40/80 MHz	20/40/80 MHz	20/40/80 MHz
Power	802.3at	802.3at	802.3af	802.3at	802.3at
	DC Power	DC Power	DC Power		DC Power
WIPS	Yes	Yes	Yes	Yes	Yes
Mesh	Yes	Yes	Yes	Yes	Yes
LTE Interference Mitigation	Yes	No	No	Yes	No
WiFi Alliance Certification	Yes	Yes		Yes	

For complete country certification records, please visit the product certificate page on Arista website.

For Antenna selection for models with external antenna connectors, please see the Antenna Selection Guide

ARISTA

COGNITIVE WIFI 6 ACCESS POINTS

Model Number	C-260	C-230	C-230E	O-235	O-235E
Description	Indoor AP for highest deterministic performance (voice, video, data), ultra-high density. Persistent RF analysis by dedicated third radio	Indoor AP for high deterministic performance (voice, video, data), high density. Persistent RF analysis by dedicated third radio	Indoor AP for high deterministic performance (voice, video, data), high density. Persistent RF analysis by dedicated third radio	Outdoor AP for high deterministic performance (voice, video, data), high density. Persistent RF analysis by dedicated third radio	Outdoor AP for high deterministic performance (voice, video, data), high density. Persistent RF analysis by dedicated third radio
Radio Components	802.11b/g/n/ax radio (2.4 GHz)	802.11b/g/n/ax radio (2.4 GHz)	802.11b/g/n/ax radio (2.4 GHz)	802.11b/g/n/ax radio (2.4 GHz)	802.11b/g/n/ax radio (2.4 GHz)
	802.11a/n/ac/ax radio (5 GHz)	802.11a/n/ac/ax radio (5 GHz)	802.11a/n/ac/ax radio (5 GHz)	802.11a/n/ac/ax radio (5 GHz)	802.11a/n/ac/ax radio (5 GHz)
	802.11a/b/g/n/ac multifunction radio	802.11a/b/g/n/ac multifunction radio	802.11a/b/g/n/ac multifunction radio	802.11a/b/g/n/ac multifunction radio	802.11a/b/g/n/ac multifunction radio
	BLE	BLE	BLE	BLE	BLE
	Internal antenna	Internal antenna	External antenna	Internal antenna	External antenna
Ports	2 x 5Gb Ethernet	1 x 5Gb Ethernet + 1 x Gb Ethernet	1 x 5Gb Ethernet + 1 x Gb Ethernet	1 x 5Gb Ethernet + 1 x Gb Ethernet	1 x 5Gb Ethernet + 1 x Gb Ethernet
	Console	Console	Console		
	USB	USB	USB	USB	USB
Max Data Rate	4.8 / 1.4 Gbps	2.4 Gbps / 600 Mbps	2.4 Gbps / 600 Mbps	2.4 Gbps / 600 Mbps	2.4 Gbps / 600 Mbps
Spatial Streams	8x8:8 (5GHz) / 4x4 (2.4GHz)	4x4:4 (5GHz) / 2x2 (2.4GHz)	4x4:4 (5GHz) / 2x2 (2.4GHz)	4x4:4 (5GHz) / 2x2 (2.4GHz)	4x4:4 (5GHz) / 2x2 (2.4GHz)
Channel Width	20/40/80/80+80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz
Power	802.3bt 802.3at (3dB power reduction)	802.3at 802.3af (reduced functionality)	802.3at 802.3af (reduced functionality)	802.3at 802.3af (reduced functionality)	802.3at 802.3af (reduced functionality)
	DC power	DC Power	DC Power		
WIPS	Yes	Yes	Yes	Yes	Yes
LTE Interference Mitigation	Yes	Yes	Yes	Yes	Yes
WiFi Alliance Certification	In process	In process	In process	In process	In process