

Product Highlights

Performance

- 7368X4: 128 x 100G or 32 x 400G
- High density 100G and 400G
- Flexible 10G, 25G, 100G, 200G and 400G support
- Up to 12.8 Tbps system capacity
- Up to 8 billion packets per second
- Wire speed L2 and L3 forwarding
- Latency from 700 ns for 400G

Data Center Optimized Design

- 128 ports of 100G in 4RU
- All active components field removable
- Mix and match IO Modules
- Typical power of under 10W per 100G port
- Over 93% efficient power supplies
- N+N redundant & hot-swappable power
- N+1 redundant & hot-swappable fans
- Front-to-rear and rear-to-front cooling
- Tool less rails for simple installation

Cloud Networking Ready

- 128-way ECMP for hyper-scale networks
- Dynamic Load Balancing for advanced multi-pathing
- Cluster Load Balancing (CLB)
- Advanced Congestion Management for NVMe and AI workloads
- Flow aware traffic scheduling
- Shared 64MB Buffer with burst absorption
- Up to 72K MAC and 80K Host entries
- Over 480K IPv4 Routes
- Over 300K IPv6 Routes

Resilient Control Plane

- High Performance x86 CPU
- 32GB DRAM
- User applications can run in a VM

Advanced Provisioning & Monitoring

- CloudVision
- Zero Touch Provisioning (ZTP)
- LANZ for microburst detection
- DANZ Advanced Mirroring for visibility
- sFlow
- Self-configure and recover from USB

Arista Extensible Operating System

- Single binary image for all products
- Fine-grained truly modular network OS
- Stateful Fault Containment (SFC)
- Stateful Fault Repair (SFR)
- Full Access to Linux shell and tools
- Extensible platform - bash, python, C++

Overview

The expansion of applications for machine learning and artificial intelligence driven by faster CPUs, flash storage and server less compute is driving the next generation of datacenter cloud networks based on 100G and 400G Ethernet. Evolution to the next generation requires systems that deliver optimized performance, addressing the growth and increased scale of modern cloud environments, in addition to compatibility with existing 100G and 400G networks in a consistent and proven architecture.

The Arista 7368X4 series is built on a single 12.8 Tbps high capacity packet processor in an extremely compact 4RU form factor that increases the network radix for high density switching, reduces tiers and simplifies networks. Line rate performance and proven layer 2 and layer 3 features with up to 128 ports of 100G or 32 ports of 400G provides significant improvements to both system density and power efficiency. In addition to the high performance and density the 7368X4 delivers advances in traffic awareness, congestion handling and instrumentation to allow network wide visibility and monitoring.

The Arista 7368X4, with the Arista 7060X and 7260X portfolio of data center switches, delivers a rich choice of port speed and density including 25G, 100G, 200G and 400G enabling consistent network architectures that seamlessly scale from small dedicated clusters to the needs of the largest multi-tier hyper-scale cloud networks.

All elements of the 7368X4 are field replaceable, and optimized for simple maintenance, a broad range of network interfaces with a choice of industry standard interfaces allowing for easy transitions to the latest 100G/400G networks.

Combined with Arista EOS the 7368X4 series deliver advanced features for hyper-scale networks, server-less compute, big data farms and machine learning clusters.



Arista 7368X4: 128 ports of 25G or 100G, or 32 ports of 400G

Arista EOS

The Arista 7368X4 series run the same Arista EOS software as all Arista products, simplifying network administration. Arista EOS is a modular switch operating system with a unique state sharing architecture that cleanly separates switch state from protocol processing and application logic. Built on top of a standard Linux kernel, all EOS processes run in their own protected memory space and exchange state through an in-memory database. This multi-process state sharing architecture provides the foundation for in-service-software updates and self-healing resiliency.

With Arista EOS, advanced monitoring and automation capabilities such as Zero Touch Provisioning, VMTracer and Linux based tools can be run natively on the switch with the powerful x86 CPU subsystem.

Model Overview

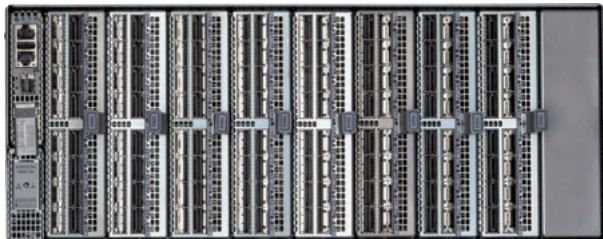
The Arista 7368X4 is a high performance system that enables up to 32 ports of 400G, 128 ports of 100G, or up to 128 ports of 25G in a compact 4RU system with 8 interface module slots. The 7368X4 delivers 12.8 Tbps of system forwarding and up to 8 Bpps with a single high capacity packet processor in a configurable system. The system is designed for flexible configurations with a choice of interface module cards, ease of maintenance operations for cloud networks, increased network scale and resilience with advanced traffic management and congestion control.

The 7368X4 delivers high performance, with feature rich layer 2 and layer 3 forwarding, suited for both leaf or spine deployment in modern large scale networks, addressing the challenges of increasing network capacity and efficiency through lower power, enhanced automation and advances in scalability.

The 7368X4 is designed around the 7368X4 switch card (7368X4-SC), that is fully connected to 8 I/O module slots delivering 3.2 Tbps of system capacity to each slot. The management module runs Arista Extensible Operating System (EOS) on a quad core CPU with 32GB of memory with the performance to run the control plane and management functions of the system. The removable interface modules provide for mix and match of interface types and density including 25G, 100G, 200G and 400G with each module supporting a range of interface speeds using industry standard optics and cables. Each IO module connects directly to the switch card without adding any oversubscription. All components of the system including the switch card are removable for ease of maintenance and simplifying upgrades.

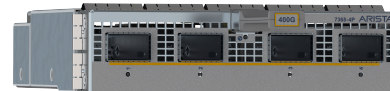
The system supports up to 4 high efficiency AC or DC power supplies, providing sufficient power for both current and future needs, with both grid and power supply redundancy and are hot-swappable to eliminate downtime when replacing power supplies. High performance fan modules deliver resilient data center optimized system cooling in both forward and reverse airflow directions.

The Arista 7368X4 series switches support port to port latency as low as 700 ns in cut-through mode, and a 64 MB packet buffer with a large shared pool allowing for superior burst absorption compared to multi-chip systems or pre-allocated fixed per-port buffering.



Arista 7368X4

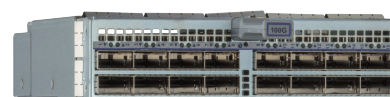
*System Front
(128 ports of 100G)*



DCS-7368-4P OSFP - 4 ports of 400G with OSFP optics and cables, and the use of existing 100G optics and cables.



DCS-7368-4D QSFP-DD - 4 ports of 400G with QSFP-DD optics and cables and the use of existing 100G optics and cables.



DCS-7368-16C and DCS-7358-16C QSFP-100 - 16 ports of 100G, up to 8 ports of 200G mode (alternate ports) support on all ports.



DCS-7368-16S SFP-28 - 16 ports of 25G with support for 25G and 10G on all ports.



*System Rear
(Front to Rear Airflow)*



DCS-7368-SUP management card - Quad core CPU and 32GB memory for high performance control plane, Ethernet and management ports with optional SSD for storage.

High Availability

The Arista 7368X4 are optimized for cloud networking operations and maintenance with system wide monitoring of all hardware and software components, simple serviceability and provisioning for ease of maintenance and system expansion. The 7368X4 supports simple replacement of all components including the supervisor, switch card and interface modules, power supplies and fans. The 7368X Series offers power and cooling high availability and N+1 redundancy. The switch card, power supplies and fans are rear removable ensuring no disruption to either the interface modules or network cabling.

The Arista 7368X4 series switches were designed for high availability from both a software and hardware perspective. Key high availability features include:

- Hot-swap of all interface modules
- Four N+N hot-swappable power supplies
- Five high performance N+1 hot-swap fans
- Color coded PSU's and fans
- Smart System Upgrade (SSU) to simplify software upgrades *
- Up to 128 100G/200G/400G ports per link aggregation group
- Multi-chassis LAG for active/active L2 multi-pathing

Maximum Flexibility for Scale Out Network Designs

Scale out network designs enable solutions to start small and evolve over time. A simple two-way design can grow as far as 128-way without significant changes to the architecture. The Arista 7368X4 provide a consistent architecture with the 7060X4 Series and a choice of either 100G QSFP, 400G OSFP and QSFP-DD interfaces, providing investment protection and future proof migration from 100G to 400G optimized for large scale cloud networks. They include several enhancements for hyper-scale cloud data center designs:

- Wide choice of optics and cables for multi-speed flexibility from 10G to 25G to 100G to 200G and 400G
- 128-way ECMP and 64-way MLAG for scalable designs and to balance traffic evenly across large scale multi-tier designs
- Enhanced ECMP Hashing and Load Balancing consider real-time loads and dynamically assign new and existing flows to the best link to improve performance
- Support for standards based IEEE 100GbE for simple and cost effective migration from to 100G and 400G
- Advanced Multi-pathing improves congestion management by rebalancing flows in large scale cloud environments under load
- Hitless speed changes to eliminate down-time when implementing changes
- LANZ, sFlow and multi-port mirroring to detect micro-burst congestion and provide network wide visibility and monitoring
- Flow aware detector to identify large flows and selectively allow marking and queue assignment to optimize traffic forwarding

AI Analyzer *

Traditional software-based traffic counters do not lend themselves to examine AI/ML traffic patterns, which exhibit unique ramp up behavior in very short intervals of time. The AI Analyzer is a hardware capability that enables the collection of ECMP member utilization data, aggregated over extremely short periods of time. This allows the Arista 7368X4 series to effectively analyze the traffic patterns, with a time interval as granular as 100 microseconds. The results of such an analysis can then be applied to fine tune dynamic load balancing workloads uniformly across the ECMP member links, which is a key requirement for AI/ML applications.

CloudVision

CloudVision is a network-wide approach for workload orchestration and workflow automation as a turnkey solution for Cloud Networking. CloudVision extends the EOS publish subscribe architectural approach across the network for state, topology, monitoring and visibility. This enables enterprises to move to cloud-class automation without needing any significant internal development.

Cluster Load Balancing (CLB)*

Cluster Load Balancing (CLB) is an innovative new AI load balancing mechanism, that utilizes RDMA queue pairs to ensure optimal link utilization. AI clusters typically have low quantities of large bandwidth flows, which can result in high tail end latency. CLB solves that problem by doing RDMA-aware flow placement to ensure high performance for all flows with low tail latency.

Load balancing methods that perform local load-aware flow placement maximize the leaf-to-spine link utilization. However, such locally optimized methods fail on the reverse path - there is typically no ability to perform load balancing on the spine-to-leaf path as every spine often only has one path to the destination leaf. CLB approaches this problem with a global view, and is able to simultaneously optimize both the leaf-to-spine and spine-to-leaf flows.

Supported Features in EOS

<https://www.arista.com/en/support/product-documentation/supported-features>

Layer 2 Features

- 802.1w Rapid Spanning Tree
- 802.1s Multiple Spanning Tree Protocol
- Rapid Per VLAN Spanning Tree (RPVST+)
- 4096 VLANs
- 802.3ad Link Aggregation/LACP
 - 64 ports/channel
 - 144 groups per system
- Multi-Chassis Link Aggregation (MLAG)
 - 64 ports per MLAG
- Custom LAG Hashing
- Resilient LAG Hashing
- 802.1AB Link Layer Discovery Protocol
- 802.3x Flow Control *
- Jumbo Frames (9216 Bytes)
- IGMP v1/v2/v3 snooping
- Storm Control
- Audio Video Bridging (AVB) *

Layer 3 Features

- Routing Protocols: OSPF, OSPFv3, BGP, MP-BGP, IS-IS, and RIPv2
- 128-way Equal Cost Multipath Routing (ECMP)
- Resilient ECMP Routes
- VRF
- BFD
- Route Maps
- IGMP v2/v3
- PIM-SM / PIM-SSM
- Anycast RP (RFC 4610)
- VRRP
- Virtual ARP (VARP)
- Policy Based Routing (PBR)

Advanced Monitoring and Provisioning

- Zero Touch Provisioning (ZTP)
- AI Analyzer*
- Latency Analyzer and Microburst Detection (LANZ)
 - Configurable Congestion Notification (CLI, Syslog)
 - Streaming Events (GPB Encoded)
 - Capture/Mirror of congested traffic
- Advanced Monitoring and Aggregation
 - Port Mirroring (4 active sessions)
 - L2/3/4 Filtering on Mirror Sessions
 - Mirror to CPU
- Advanced Event Management suite (AEM)
 - CLI Scheduler
 - Event Manager
 - Event Monitor
 - Linux tools

- Integrated packet capture/analysis with TCPDump
- RFC 3176 sFlow
- Restore & configure from USB
- Blue Beacon LED for system identification
- Software Defined Networking (SDN)
 - Arista DirectFlow *
 - eAPI
 - OpenStack Neutron Support
- IEEE 1588 PTP (Transparent Clock and Boundary Clock) *

Virtualization Support

- VM Tracer VMware Integration
 - VMware vSphere support
 - VM Auto Discovery
 - VM Adaptive Segmentation
 - VM Host View

Security Features

- IPv4 / IPv6 Ingress & Egress ACLs using L2, L3, L4 fields
- ACL Drop Logging and ACL Counters
- Control Plane Protection (CPP)
- Service ACLs
- DHCP Relay / Snooping
- MAC Security
- TACACS+
- RADIUS

Quality of Service (QoS) Features

- Up to 8 Unicast and 2 Multicast queues per port
- 802.1p based classification
- DSCP based classification and remarking
- Explicit Congestion Notification (ECN)
- QoS interface trust (COS / DSCP)
- Strict priority queueing
- Weighted Round Robin (WRR) Scheduling
- Per-Priority Flow Control (PFC)
- Data Center Bridging Extensions (DCBX) *
- ACL based DSCP Marking
- ACL based Policing
- Per port MMU Configuration
- Policing/Shaping
- Rate limiting

Network Management

- CloudVision
- 10/100/1000 Management Port
- RS-232 Serial Console Port
- USB Port
- SNMP v1, v2, v3
- Management over IPv6
- Telnet and SSHv2
- Syslog
- AAA
- Industry Standard CLI

Extensibility

- Linux Tools
 - Bash shell access and scripting
 - RPM support
 - Custom kernel modules
- Programmatic access to system state
 - Python
 - C++
- Native KVM/QEMU support

Standards Compliance

- 802.1D Bridging and Spanning Tree
- 802.1p QOS/COS
- 802.1Q VLAN Tagging
- 802.1w Rapid Spanning Tree
- 802.1s Multiple Spanning Tree Protocol
- 802.1AB Link Layer Discovery Protocol
- 802.3ad Link Aggregation with LACP
- 802.3ba 40 and 100 Gigabit Ethernet
- 802.3bs 400 and 200 Gigabit Ethernet
- 802.3cm 400 Gigabit over multimode fiber
- RFC 2460 Internet Protocol, Version 6 (IPv6) Specification
- RFC 4861 Neighbor Discovery for IP Version 6 (IPv6)
- RFC 4862 IPv6 Stateless Address Auto-configuration
- RFC 4443 Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification

SNMP MIBs

- RFC 3635 EtherLike-MIB
- RFC 3418 SNMPv2-MIB
- RFC 2863 IF-MIB
- RFC 2864 IF-INVERTED-STACK-MIB
- RFC 4292 IP-FORWARD-MIB
- RFC 4363 Q-BRIDGE-MIB
- RFC 4188 BRIDGE-MIB
- RFC 2013 UDP-MIB
- RFC 2012 TCP-MIB
- RFC 2011 IP-MIB
- RFC 2790 HOST-RESOURCES-MIB
- RFC 3636 MAU-MIB

- RMON-MIB
- RMON2-MIB
- HC-RMON-MIB
- LLDP-MIB
- LLDP-EXT-DOT1-MIB
- LLDP-EXT-DOT3-MIB
- ENTITY-MIB
- ENTITY-SENSOR-MIB
- ENTITY-STATE-MIB
- ARISTA-ACL-MIB
- ARISTA-QUEUE-MIB
- RFC 4273 BGP4-MIB
- RFC 4750 OSPF-MIB
- ARISTA-CONFIG-MAN-MIB
- ARISTA-REDUNDANCY-MIB
- RFC 2787 VRRPv2-MIB
- MSDP-MIB
- PIM-MIB
- IGMP-MIB
- IPMROUTE-STD-MIB
- SNMP Authentication Failure trap
- ENTITY-SENSOR-MIB support for DOM (Digital Optical Monitoring)
- User configurable custom OIDs

See EOS release notes for latest supported MIBs

Table Sizes

STP Instances	62 (MST)/62 (RPVST+)
IGMP Groups	8K, with 512 unique groups
ACLs	2816
Egress ACLs	512
ECMP	128-way, 4K groups, 64K members
MAC Addresses	8K
IPv4 Host Routes	16K
IPv4 Multicast (S,G)	16K
IPv4 LPM Routes	640K
IPv6 LPM Routes - Unicast (prefix length <= 64)	300K
IPv6 LPM Routes - Unicast (any prefix length)	100K

* Not currently supported in EOS

Chassis		DCS-7368-CH		Supervisor Module	DCS-7368-SUP	DCS-7368-SUP-D
Supervisor slots		1		CPU	Multi-Core x86	
Linecard Slots		8		System Memory	32 Gigabytes	
Power Supply Slots *		4 (N+N Redundant)		Flash Storage Memory	8 Gigabytes	
Fan Modules		5 (N+1 Redundant)		10/100/1000 Mgmt Ports	1	
Size (HxWxD) - excluding ejectors and handles		7" x 17.4" x 22" (17.9 x 44.2 x 55.9cm)		1G SFP Mgmt Port (SX, LX)	1	
Rack Space		4RU		RS-232 Serial Ports	1 (RJ-45)	
Weight (Chassis only)		30 lbs (13.6 kg)		USB Ports	1	
Weight (Fully configured system)		85 lbs (38.6 kg)		SSD Storage	30 GB	256 GB
Typical / Max Power		810 W ¹ / 1526 W ¹		Typical/Max Power Draw*	30 W / 48 W	30 W / 48 W
Power Supplies		PWR-1900AC-F/R PWR-1900-DC-F/R		Size (HxWxD)	4.0" x 1.0" x 17.0" (10.2 x 2.43 x 43.2cm)	
Reversible Airflow Option		25/100G Only		Weight	2.5 lbs (1.14kg)	2.5 lbs (1.14kg)
Fan Tray		FAN-7002H-F/R		Minimum EOS	EOS 4.22.0	
EOS Feature Licenses		LIC-FIX-3				
Minimum EOS		EOS 4.22.0				

I/O Modules	DCS-7368-16S	DCS-7368-16C	DCS-7358-16C	DCS-7368-4D	DCS-7368-4P
Ports	16 x SFP28	16 x QSFP28	16 x QSFP28	4 x QSFP-DD	4 x OSFP
Max 400GbE Ports	—	—	—	4	4
Max 200GbE Ports	—	8	8	8	8
Max 100GbE Ports	—	16	16	16	16
Max 25GbE Ports	16	16	16	—	—
Max 10GbE Ports	16	16	16	—	—
Typical/Max Power Draw	36 W ² / 88 W ³	83 W ² / 140 W ⁴	83 W ² / 140 W ⁴	72 W ² / 140 W ⁵	72 W ² / 140 W ⁵
Size (HxWxD)	6.7" x 1.7" x 9.5" (17 x 4.4 x 24.2 cm)	6.7" x 1.7" x 9.5" (17 x 4.4 x 24.2 cm)	6.7" x 1.7" x 9.5" (17 x 4.4 x 24.2 cm)	6.7" x 1.7" x 9.5" (17 x 4.4 x 24.2 cm)	6.7" x 1.7" x 9.5" (17 x 4.4 x 24.2 cm)
Weight	2.56 lbs (1.16 kg)	3.1 lbs (1.41 kg)	3.1 lbs (1.41 kg)	2.7 lbs (1.23 kg)	2.7 lbs (1.23 kg)
Chassis Support	DCS-7368-CH				
Airflow Option	Front to Rear / Rear to Front			Front to Rear Only	
Minimum EOS	4.25.0	4.22.0	4.28.0	4.24.1	4.24.1

1. System configuration: 1 x Sup, 1 x Switch Card, 8 x 16C line cards, 5 x fans, 2 x power supplies

2. Power excluding optics or cables, add power rating for optics to determine typical budget

3. Maximum power measured with 2.5W optics on all ports, adjust as appropriate for lower power optics

4. Maximum power measured with 4.5W optics on all ports, adjust as appropriate for lower power optics

5. Maximum power measured with 20W optics on all ports, adjust as appropriate for lower power optics

* If the system is populated with 2 or fewer I/O modules, it is recommended to not operate all the 4 PSU slots

Switch Card	DCS-7368X4-SC
Packet Buffer Memory	64MB (Dynamic Buffer Allocation)
Maximum Throughput	12.8 Tbps / 8 Bpps
Latency	700ns
Size (HxWxD)	4.8" x 17.0" x 16.4" (12.2 x 43.2 x 41.6cm)
Weight	28.0 lbs (12.73 kg)
Typical/Max Power Draw	204W / 364W
Chassis Support	DCS-7368-CH
Minimum EOS	4.22.0

Power Supply Specifications

Power Supply	PWR-1900AC	PWR-1900-DC
Output Power	1900W	1900W
Input Voltage	200-240AC	40-72 VDC
Typical Input Current	11.2 - 9.5A	44A Max (-48V)
Input Frequency	50/60Hz	DC
Input Connector	IEC 60320 C20	AWG #6 Max
Efficiency (Typical)	93% Platinum	95%

Supported Optics and Cables *

25GbE	25G SFP Ports
25GBASE-CR	SFP25 to SFP25: 1m-5m
25GBASE-AOC	SFP+ to SFP+: 3m-30m
25GBASE-MR-XSR	200m OM3 / 300m OM4 Duplex MMF
25GBASE-SR	70m Duplex MMF
25GBASE-LR	10km SM Duplex
25GBASE-MR-LR	10km SM Duplex

* Check EOS release notes for support

Standards Compliance	
EMC	FCC Class A, ICES-003, EN 55032, EN IEC 61000-3-2:2019, EN 61000-3-3
Immunity	EN 55035 EN 300 386
Safety	EN 62368-1:2014 + A11:2017 IEC 62368-1:2014
Certifications	BSMI (Taiwan) CE (European Union) KCC (South Korea) NRTL (North America) RCM (Australia/New Zealand) UKCA (United Kingdom) VCCI (Japan)
EMC	FCC Class A, ICES-003, EN 55032, EN IEC 61000-3-2:2019, EN 61000-3-3
European Union Directives	2014/35/EU Low Voltage Directive 2014/30/EU EMC Directive 2012/19/EU WEEE Directive 2011/65/EU RoHS Directive 2015/863/EU Commission Delegated Directive
Further Information	Product Certification Portal

Environmental Characteristics

Operating Temperature ¹	0 to 40°C (32 to 104°F)
Storage Temperature	-40 to 70°C (-40 to 158°F)
Relative Humidity	5 to 95%
Operating Altitude	0 to 10,000 ft, (0-3,000m)

Supported Optics and Cables *

10GbE	SFP+ ports
10GBASE-CR	SFP+ to SFP+: 0.5m-5m
10GBASE-AOC	SFP+ to SFP+: 3m-30m
10GBASE-SRL	100m Duplex MMF
10GBASE-SR	300m Duplex MMF
10GBASE-LRL	1km SM Duplex
10GBASE-LR	10km SM Duplex
10GBASE-ER	40km SM Duplex
10GBASE-ZR	80km SM Duplex
10GBASE-DWDM	80km SM Duplex

Supported Optics and Cables *

400GbE Interface	OSFP ports
400GBASE-CR8	OSFP to OSFP: 0.5m-3m
400GBASE-AOC	OSFP to OSFP: 3m-30m
400GBASE-SR8	100m
400GBASE-DR4	500m
400GBASE-XDR4	2km
400GBASE-FR4	2km
400GBASE-2FR4	2km
400GBASE-LR4	10km
200GBASE-CR	OSFP to 2xQSFP: 1m to 3m lengths
100GBASE-CR2	OSFP to 4xQSFP: 1m to 3m lengths
100GBASE-CR4 **	OSFP to 2xQSFP: 1m to 3m lengths
50GBASE-CR2 **	OSFP to 4xQSFP: 1m to 3m lengths
25GBASE-CR **	OSFP to 8xSFP: 1m to 3m lengths
400GbE Interface	QSFP-DD ports
400GBASE-CR8	QSFP-DD to QSFP-DD: 0.5m-2.5m
400GBASE-AOC	QSFP-DD to QSFP-DD: 3m-30m
400GBASE-SR8	100m
400GBASE-DR4	500m
400GBASE-XDR4	2km
400GBASE-FR4	2km
400GBASE-2FR4	2km
400GBASE-LR4	10km
200GBASE-CR	QSFP-DD to 2xQSFP: 1m to 2.5m lengths
100GBASE-CR2	QSFP-DD to 4xQSFP: 1m to 2.5m lengths
100GBASE-CR4 **	QSFP-DD to 2xQSFP: 1m to 3m lengths
50GBASE-CR2 **	QSFP-DD to 4xQSFP: 1m to 3m lengths
25GBASE-CR **	QSFP-DD to 8xSFP: 1m to 3m lengths

** Requires OSFP / QSFP-DD port to be configured for 200G, 8 x 25G NRZ lanes. Allows interop with 100G QSFP and 25G SFP ports

Supported Optics and Cables *

40GbE	40G QSFP ports
40GBASE-CR4	0.5m to 5m QSFP+ to QSFP+
40GBASE-AOC	3m to 100m
40GBASE-UNIV	150m (OM3) / 150m (OM4) / 500m (SM)
40GBASE-SRBD	100m (OM3) / 150m (OM4)
40GBASE-SR4	100m (OM3) / 150m (OM4)
40GBASE-XSR4	300m (OM3) / 450m (OM4)
40GBASE-PLRL4	1km (1km 4x10G LR/LRL)
40GBASE-LRL4	1km
40GBASE-PLR4	10km (10km 4x10G LR/LRL)
40GBASE-LR4	10km
40GBASE-ER4	40km
100GbE	100G QSFP ports
100GBASE-SR4	70m OM3 / 100m OM4 Parallel MMF
100GBASE-XSR4	170m OM3 / 300m OM4 Parallel MMF
100GBASE-SWDM4	70m OM3 / 100m OM4 Duplex MMF
100GBASE-SRBD	70m OM3 / 100m OM4 Duplex MMF
100GBASE-LR	10km SM Duplex
100GBASE-LR4	10km SM Duplex
100GBASE-LRL4	2km SM Duplex
100GBASE-XCWDM4	10km SM Duplex
100GBASE-CWDM4	2km SM Duplex
100GBASE-FR	2km SM Duplex
100GBASE-DR	500m SM Duplex
100GBASE-PSM4	500m SM Parallel
100GBASE-AOC	1m to 30m
100GBASE-ERL4	40km SM Duplex
100GBASE-CR4	QSFP to QSFP: 1m to 5m

* Check EOS release notes for support

Product Number	Product Description
DCS-7368X-BND-F	Arista 7368X chassis bundle. Includes 7368 chassis, 2 x AC PS, Supervisor, X4-SC and Fans (front to rear airflow)
DCS-7368X-BND-R	Arista 7368X chassis bundle. Includes 7368 chassis, 2 x AC PS, Supervisor, X4-SC and Fans (rear to front airflow)
DCS-7368X-BND-D-F	Arista 7368X chassis bundle. Includes 7368 chassis, 2 x AC PS, Supervisor-SSD, X4-SC and Fans (front to rear airflow)
DCS-7368X-BND-D-R	Arista 7368X chassis bundle. Includes 7368 chassis, 2 x AC PS, Supervisor-SSD, X4-SC and Fans (rear to front airflow)
DCS-7368X-128-BND-F	Arista 7368X 100G System bundle. Includes 7368X-BND Bundle and 128 x 100G QSFP ports (front to rear airflow)
DCS-7368X-128-BND-R	Arista 7368X 100G System bundle. Includes 7368X-BND Bundle and 128 x 100G QSFP ports (rear to front airflow)
DCS-7368X-128-BND-D-F	Arista 7368X 100G System bundle. Includes 7368X-BND-D Bundle and 128 x 100G QSFP ports (front to rear airflow)
DCS-7368X-128-BND-D-R	Arista 7368X 100G System bundle. Includes 7368X-BND-D Bundle and 128 x 100G QSFP ports (rear to front airflow)
DCS-7368-SUP	Supervisor module for 7368 Series
DCS-7368-SUP-D	Supervisor module for 7368 Series, with SSD
DCS-7368-16S	Arista 7368X-16S module for 7368X Series, 16 port 25GbE SFP (Spare)
DCS-7368-16C	Arista 7368X-16C module for 7368X Series, 16 port 100GbE QSFP (Spare)
DCS-7368-4D	Arista 7368X-4D module for 7368X Series, 4 port 400GbE QSFP-DD (Spare)
DCS-7368-4P	Arista 7368X-4P module for 7368X Series, 4 port 400GbE OSFP (Spare)
DCS-7358-16C	Arista 7358X-16C module for 7358X, 7368X and 7289R Series, 16 port 100GbE QSFP (Spare)
LIC-FIX-3-E	Enhanced L3 License for Arista Group 3 Fixed switches, (BGP, OSPF, ISIS, PIM, NAT)
LIC-FIX-3-Z	Monitoring & Automation license for Arista Group 3 Fixed switches (ZTP, LANZ, TapAgg, OpenFlow)
LIC-FIX-3-V	Virtualization license for Group 3 Arista Fixed switches (VMTracer and VXLAN)
LIC-FIX-3-V2	EOS Extensions, Security and Partner Integration license for Arista Group 3 Fixed switches
LIC-FIX-3-FLX-L	FLX-Lite License for Arista Fixed switches Group 3 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection)

Optional Components and Spares

FAN-7002H-F	Spare high speed fan module for Arista 7368X switches (front to rear airflow)
FAN-7002H-R	Spare high speed fan module for Arista 7368X switches (rear to front airflow)
PWR-1900AC-F	Spare 1900 Watt AC power supply for Arista 7368X Switches (front-to-rear airflow)
PWR-1900AC-R	Spare 1900 Watt AC power supply for Arista 7368X Switches (rear to front airflow)
PWR-1900-DC-F	Spare 1900W DC Power Supply for 7368X Switches (front to rear airflow)
PWR-1900-DC-R	Spare 1900W DC Power Supply for 7368X Switches (rear to front airflow)
DCS-7368-PCVR	Blank Cover for 7368 Power Supply Slot
DCS-7368-LCVR	Blank cover for 7368 module slot
KIT-7368	Spare accessory kit for Arista 7358X, 7368X and 7289R Series 4U switches. 4-post mount. (2x C19-C20, 2m)
DCS-7368-CH	Arista 7368 empty chassis, 1 supervisor slot, 8 module slots
DCS-7368X4-SC-F	7368X Switch Card for 7368 chassis, X4-SC, includes Fans (front to rear airflow)
DCS-7368X4-SC-R	7368X Switch Card for 7368 chassis, X4-SC, includes Fans (rear to front airflow)
CAB-C19-C20	Power cord C19 to C20 (2m)
CAB-C19-L6-20	Power cord C19 to L6-20 (2.5m)

Warranty

The Arista 7368X4 switches comes with a one-year limited hardware warranty, which covers parts, repair, or replacement with a 10 business day turn-around after the unit is received.

Service and Support

Support services including next business day and 4-hour advance hardware replacement are available. For service depot locations, please see: <http://www.arista.com/en/service>

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