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 12.8Tbps 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 100G, 200G and 400G enabling consistent network architectures that seamlessly scale from small dedicated clusters to the needs of the largest multi-tier hyperscale 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 hyperscale networks, server-less compute, big data farms and machine learning clusters.

Product Highlights

Performance

- 7368X: 128 x 100G or 32 x 400G
- High density 100G and 400G
- Flexible 100GbE, 200G and 400G support
- Up to 25.6 Tbps system capacity
- Up to 8 billion packets per second
- Wire speed L2 and L3 forwarding
- Latency from 700ns 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 hyperscale networks
- Dynamic Load Balancing for advanced multi-pathing
- 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
- DirectFlow and eAPI

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++

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 128 ports of 100G, or 32 ports of 400G in a compact 4RU system with 8 interface module slots. The 7368X4 delivers 12.8Tbps of system forwarding and up to 8 8pps 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 3.2Tbps 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 100G, 200G and 400G with each module supporting a range of interface speeds using industry standard optics and cables. Each I/O 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 700ns 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.

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

DCS-7368-SUP management card - Quad core CPU and 16GB memory for high performance control plane, Ethernet and management ports with optional SSD for storage.

Arista 7368X4:
System Front 128 ports of 100G

System Rear
(Front to Rear Airflow)
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:
- Hotswap 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
- Live software patching for zero downtime maintenance
- Self healing software with Stateful Fault Repair (SFR)
- 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
- 128-way ECMP routing for load balancing and redundancy

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 hyperscale cloud data center designs:
- Wide choice of optics and cables for multi-speed flexibility from 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 Multipathing 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

Enhanced Features for High Performance Networks
The Arista 7368X4 Series delivers a suite of advanced traffic control and monitoring features to improve the agility of modern high performance environments, with solutions for data monitoring, precise timing and virtualization.

Automating the data center enables customers to dynamically provision computing resources in the most efficient manner while also meeting business needs by maintaining service level agreements (SLAs). Arista EOS automates complex IT workflows and simplifies network operations while reducing or even eliminating downtime. Arista EOS rich automation capabilities not only reduce the human error element in network operations but also enable IT operators to make the network work the way they want.

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.
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)
- RAIL

Advanced Monitoring and Provisioning
- Zero Touch Provisioning (ZTP)
- 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

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) *
- 802.1Qaz Enhanced Transmissions Selection (ETS)
- ACL based DSCP Marking
- ACL based Policing
- Per port MMU Configuration
- Policing/Shaping
- Rate limiting

* Not currently supported in EOS
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
- 823ad 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 Autoconfiguration
- 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

<table>
<thead>
<tr>
<th>Table Sizes</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>STP Instances</td>
<td>62 (MST)/62 (RPVST+)</td>
</tr>
<tr>
<td>IGMP Groups</td>
<td>8K, with 512 unique groups</td>
</tr>
<tr>
<td>ACLs</td>
<td>2816</td>
</tr>
<tr>
<td>Egress ACLs</td>
<td>512</td>
</tr>
<tr>
<td>ECMP</td>
<td>128-way, 4K groups, 64K members</td>
</tr>
<tr>
<td>MAC Addresses</td>
<td>72K Note 1</td>
</tr>
<tr>
<td>IPv4 Host Routes</td>
<td>80K Note 1</td>
</tr>
<tr>
<td>IPv4 Multicast (S,G)</td>
<td>16K</td>
</tr>
<tr>
<td>IPv4 LPM Routes</td>
<td>480K</td>
</tr>
<tr>
<td>IPv6 LPM Routes - Unicast (prefix length &lt;= 64)</td>
<td>300K</td>
</tr>
<tr>
<td>IPv6 LPM Routes - Unicast (any prefix length)</td>
<td>100K</td>
</tr>
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</table>

Note 1 - Requires use of Exact Match Table expansion

* Not currently supported in EOS
### Chassis

<table>
<thead>
<tr>
<th>Feature</th>
<th>DCS-7368-CH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervisor slots</td>
<td>1</td>
</tr>
<tr>
<td>Linecard Slots</td>
<td>8</td>
</tr>
<tr>
<td>Power Supply Slots</td>
<td>4 (N+N Redundant)</td>
</tr>
<tr>
<td>Fan Modules</td>
<td>5 (N+1 Redundant)</td>
</tr>
<tr>
<td>Size (HxWxD) - excluding ejectors and handles</td>
<td>7”x 17.4”x 22” (17.9 x 44.2 x 55.9cm)</td>
</tr>
<tr>
<td>Rack Space</td>
<td>4RU</td>
</tr>
<tr>
<td>Weight (Chassis only)</td>
<td>30 lbs (13.6 kg)</td>
</tr>
<tr>
<td>Weight (Fully configured system)</td>
<td>85 lbs (38.6 kg)</td>
</tr>
<tr>
<td>Typical Power Consumption</td>
<td>961W¹</td>
</tr>
<tr>
<td>Maximum Power Consumption</td>
<td>1998W²</td>
</tr>
<tr>
<td>Power Supplies</td>
<td>PWR-1900 AC or DC</td>
</tr>
<tr>
<td>Reversible Airflow Option</td>
<td>Yes</td>
</tr>
<tr>
<td>EOS Feature Licenses</td>
<td>Fixed - Group 3</td>
</tr>
<tr>
<td>Minimum EOS</td>
<td>4.22.0</td>
</tr>
</tbody>
</table>

### Supervisor Module

<table>
<thead>
<tr>
<th>Feature</th>
<th>DCS-7368-SUP</th>
<th>DCS-7368-SUP-D</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Multi-Core x86</td>
<td></td>
</tr>
<tr>
<td>System Memory</td>
<td>32 Gigabytes</td>
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</tr>
<tr>
<td>Flash Storage Memory</td>
<td>8 Gigabytes</td>
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</tr>
<tr>
<td>10/100/1000 Mgmt Ports</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1G SFP Mgmt Port (SX, LX)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>RS-232 Serial Ports</td>
<td>1 (RI-45)</td>
<td></td>
</tr>
<tr>
<td>USB Ports</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SSD Storage</td>
<td>30GB</td>
<td></td>
</tr>
<tr>
<td>Typical/Max Power Draw*</td>
<td>30W / 48W</td>
<td></td>
</tr>
<tr>
<td>Size (HxWxD)</td>
<td>4.0”x 1.0”x 17.0” (10.2 x 2.43 x 43.2cm)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>2.5 lbs (1.14kg)</td>
<td></td>
</tr>
<tr>
<td>Minimum EOS</td>
<td>4.22.0</td>
<td></td>
</tr>
</tbody>
</table>

### Interface Modules

<table>
<thead>
<tr>
<th>Feature</th>
<th>DCS-7368-16C</th>
<th>DCS-7368-4D</th>
<th>DCS-7368-4P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ports</td>
<td>16 x QSFP28</td>
<td>4 x QSFP-DD</td>
<td>4 x OSFP</td>
</tr>
<tr>
<td>Max 400GbE Ports</td>
<td>—</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Max 200GbE Ports</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Max 100GbE Ports</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Max 40GbE Ports</td>
<td>16</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Typical/Max Power Draw*</td>
<td>63W¹ / 144W²</td>
<td>tbd</td>
<td>tbd</td>
</tr>
<tr>
<td>Size (HxWxD)</td>
<td>6.7”x 1.7”x 9.5” (17 x 4.4 x 24.2cm)</td>
<td>6.7”x 1.7”x 9.5” (17 x 4.4 x 24.2cm)</td>
<td>6.7”x 1.7”x 9.5” (17 x 4.4 x 24.2cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.1 lbs (1.41kg)</td>
<td>tbd</td>
<td>tbd</td>
</tr>
<tr>
<td>Chassis Support</td>
<td>DCS-7368-CH</td>
<td>tbd</td>
<td>tbd</td>
</tr>
<tr>
<td>Minimum EOS</td>
<td>4.22.0</td>
<td>tbd</td>
<td>tbd</td>
</tr>
</tbody>
</table>

---

* Typical power consumption measured at 25C ambient with 50% load
* Note: 1. Power excluding optic or cables, add power rating for optics to determine typical budget
* 2. Maximum power measured with 4.5W optics on all ports, adjust as appropriate for lower power optics
### Switch Card
- **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**: 242W / 406W
- **Chassis Support**: DCS-7368-CH
- **Minimum EOS**: 4.22.0

### Power Supply Specifications
<table>
<thead>
<tr>
<th>Power Supply</th>
<th>PWR-1900AC</th>
<th>PWR-1900-DC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output Power</strong></td>
<td>2000W</td>
<td>1900W</td>
</tr>
<tr>
<td><strong>Input Voltage</strong></td>
<td>200-240AC</td>
<td>40-72V DC</td>
</tr>
<tr>
<td><strong>Typical Input Current</strong></td>
<td>11.2 - 9.5A</td>
<td>28 - 50A 46A at -48V</td>
</tr>
<tr>
<td><strong>Input Frequency</strong></td>
<td>50/60Hz</td>
<td>DC</td>
</tr>
<tr>
<td><strong>Input Connector</strong></td>
<td>IEC 60320 C20</td>
<td>AWG #6-3</td>
</tr>
<tr>
<td><strong>Efficiency (Typical)</strong></td>
<td>93% Platinum</td>
<td>90%</td>
</tr>
</tbody>
</table>

### Standards Compliance
- **EMC**
  - Emissions: FCC, EN55022, EN61000-3-2, EN61000-3-3 or EN61000-3-11, EN61000-3-12 (as applicable)
  - Immunity: EN55024
  - Emissions and Immunity: EN300 386
- **Safety**
  - UL/CSA 60950-1, EN 60950-1, IEC 60950-1
  - CB Scheme with all country differences
- **Certifications**
  - North America (NRTL)
  - European Union (EU)
  - BSMI (Taiwan)
  - C-Tick (Australia)
  - CCC (PRC)
  - MSIP (Korea)
  - EAC (Customs Union)
  - VCCI (Japan)
- **European Union Directives**
  - 2006/95/EC Low Voltage Directive
  - 2004/108/EC EMC Directive
  - 2011/65/EU RoHS Directive
  - 2012/19/EU WEEE Directive

### Environmental Characteristics
- **Operating Temperature**: 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 *

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>OSFP ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>400GBASE-CR8</td>
<td>OSFP to OSFP: 0.5m-3m</td>
</tr>
<tr>
<td>400GBASE-AOC</td>
<td>OSFP to OSFP: 3m-30m</td>
</tr>
<tr>
<td>400GBASE-SR8</td>
<td>100m</td>
</tr>
<tr>
<td>400GBASE-DR4</td>
<td>500m</td>
</tr>
<tr>
<td>400GBASE-FR4</td>
<td>2km</td>
</tr>
<tr>
<td>400GBASE-2FR4</td>
<td>2km</td>
</tr>
<tr>
<td>400GBASE-LR4</td>
<td>10km</td>
</tr>
<tr>
<td>200GBASE-CR</td>
<td>OSFP to 2xQSFP: 1m to 3m lengths</td>
</tr>
<tr>
<td>100GBASE-CR</td>
<td>OSFP to 4xQSFP: 1m to 3m lengths</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>QSFP-DD ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>400GBASE-CR8</td>
<td>QSFP-DD to QSFP-DD: 0.5m-2.5m</td>
</tr>
<tr>
<td>400GBASE-AOC</td>
<td>QSFP-DD to QSFP-DD: 3m-30m</td>
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<tr>
<td>400GBASE-SR8</td>
<td>100m</td>
</tr>
<tr>
<td>400GBASE-DR4</td>
<td>500m</td>
</tr>
<tr>
<td>400GBASE-FR4</td>
<td>2km</td>
</tr>
<tr>
<td>400GBASE-2FR4</td>
<td>2km</td>
</tr>
<tr>
<td>400GBASE-LR4</td>
<td>10km</td>
</tr>
<tr>
<td>200GBASE-CR</td>
<td>QSFP-DD to 2xQSFP: 1m to 2.5m lengths</td>
</tr>
<tr>
<td>100GBASE-CR</td>
<td>QSFP-DD to 4xQSFP: 1m to 2.5m lengths</td>
</tr>
</tbody>
</table>

### Supported Optics and Cables *

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>40G QSFP ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>40GBASE-CR4</td>
<td>0.5m to 5m QSFP+ to QSFP+</td>
</tr>
<tr>
<td>40GBASE-AOC</td>
<td>3m to 100m</td>
</tr>
<tr>
<td>40GBASE-UNIV</td>
<td>150m (OM3) / 150m (OM4) / 500m (SM)</td>
</tr>
<tr>
<td>40GBASE-SRBD</td>
<td>100m (OM3) / 150m (OM4)</td>
</tr>
<tr>
<td>40GBASE-SR4</td>
<td>100m (OM3) / 150m (OM4)</td>
</tr>
<tr>
<td>40GBASE-XSR4</td>
<td>300m (OM3) / 450m (OM4)</td>
</tr>
<tr>
<td>40GBASE-PLRL4</td>
<td>1km (1km 4x10G LR/LRL)</td>
</tr>
<tr>
<td>40GBASE-LRL4</td>
<td>1km</td>
</tr>
<tr>
<td>40GBASE-PLR4</td>
<td>10km (10km 4x10G LR/LRL)</td>
</tr>
<tr>
<td>40GBASE-LR4</td>
<td>10km</td>
</tr>
<tr>
<td>40GBASE-ER4</td>
<td>40km</td>
</tr>
</tbody>
</table>

### 100GbE 100G QSFP ports

<table>
<thead>
<tr>
<th>Interface Type</th>
<th>100G QSFP ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>100GBASE-SR4</td>
<td>70m OM3 / 100m OM4 Parallel MMF</td>
</tr>
<tr>
<td>100GBASE-XSR4</td>
<td>150m OM3 / 300m OM4 Parallel MMF</td>
</tr>
<tr>
<td>100GBASE-SWDM4</td>
<td>70m OM3 / 100m OM4 Duplex MMF</td>
</tr>
<tr>
<td>100GBASE-SRBD</td>
<td>70m OM3 / 100m OM4 Duplex MMF</td>
</tr>
<tr>
<td>100GBASE-LR</td>
<td>10km SM Duplex</td>
</tr>
<tr>
<td>100GBASE-LR4/LRL4</td>
<td>10km/2km SM Duplex</td>
</tr>
<tr>
<td>100GBASE-XCWD4</td>
<td>10km SM Duplex</td>
</tr>
<tr>
<td>100GBASE-CWDM4</td>
<td>2km SM Duplex</td>
</tr>
<tr>
<td>100GBASE-PSM4</td>
<td>500m SM Parallel</td>
</tr>
<tr>
<td>100GBASE-AOC</td>
<td>1m to 30m</td>
</tr>
<tr>
<td>100GBASE-ERL4</td>
<td>40km SM Duplex</td>
</tr>
<tr>
<td>100GBASE-CR4</td>
<td>QSFP to QSFP: 1m to 5m</td>
</tr>
</tbody>
</table>

* 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-7368-16C | 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)
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

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAN-7002H-F</td>
<td>Spare high speed fan module for Arista 7368X switches (front to rear airflow)</td>
</tr>
<tr>
<td>FAN-7002H-R</td>
<td>Spare high speed fan module for Arista 7368X switches (rear to front airflow)</td>
</tr>
<tr>
<td>PWR-1900AC-F</td>
<td>Spare 1900 Watt AC power supply for Arista 7368X Switches (front-to-rear airflow)</td>
</tr>
<tr>
<td>PWR-1900AC-R</td>
<td>Spare 1900 Watt AC power supply for Arista 7368X Switches (rear to front airflow)</td>
</tr>
<tr>
<td>PWR-1900-DC-F</td>
<td>Spare 1900W DC Power Supply for 7368X Switches (front to rear airflow)</td>
</tr>
<tr>
<td>PWR-1900-DC-R</td>
<td>Spare 1900W DC Power Supply for 7368X Switches (rear to front airflow)</td>
</tr>
<tr>
<td>DCS-7368-PCVR</td>
<td>Blank Cover for 7368 Power Supply Slot</td>
</tr>
<tr>
<td>DCS-7368-LCVR</td>
<td>Blank cover for 7368 module slot</td>
</tr>
<tr>
<td>KIT-7368</td>
<td>Spare accessory kit for Arista 7368 switches</td>
</tr>
</tbody>
</table>

* Not currently supported in EOS
Optional Components and Spares

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCS-7368-CH</td>
<td>Arista 7368 empty chassis, 1 supervisor slot, 8 module slots</td>
</tr>
<tr>
<td>DCS-7368X4-SC-F</td>
<td>7368X Switch Card for 7368 chassis, X4-SC, includes Fans (front to rear airflow)</td>
</tr>
<tr>
<td>DCS-7368X4-SC-R</td>
<td>7368X Switch Card for 7368 chassis, X4-SC, includes Fans (rear to front airflow)</td>
</tr>
<tr>
<td>CAB-C19-C20</td>
<td>Power cord C19 to C20 (2m)</td>
</tr>
<tr>
<td>CAB-C19-L6-20</td>
<td>Power cord C19 to L6-20 (2.5m)</td>
</tr>
</tbody>
</table>

**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](http://www.arista.com/en/service)

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