

# Arista 7260X3 Series 10/25/40/50/100G Data Center Switches

## Product highlights

### Performance

- 7260CX3-64: 64x QSFP100
- Flexible 10G to 100G support on all ports
- Up to 128 x 10G, 25G or 50G using breakout cables
- Up to 12.8 terabits per second
- Up to 4.2 billion packets per second
- Wire speed L2 and L3 forwarding
- Latency from 450ns

### Data center optimized design

- 64 QSFP100 ports in 2RU
- Under 6W per port typical
- Over 93% efficient power supplies
- 1+1 redundant & hot-swappable power
- N+1 redundant & hot-swappable fans
- Front-to-rear or rear-to-front cooling
- Tool less rails for simple installation

### Cloud networking ready

- VXLAN and VM Tracer
- OpenFlow, DirectFlow and eAPI
- 264K MAC entries
- 180K IPv4 Routes
- 200K IPv4 Host Routes
- 42MB integrated smart buffer
- Dynamic Buffer Allocation up to 10.5MB per slice

### Resilient control plane

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

## Overview

HPE and Arista share a common vision around the need to deliver secure hybrid IT solutions and experiences built on industry-leading software-defined infrastructure—helping customers to operate their workloads with speed and agility to grow their business. This partnership will provide our customers with proven networking solutions that are superior to legacy alternatives and that complement HPE compute, storage, virtualization, and cloud offerings.

Increased adoption of high performance servers coupled with applications using higher bandwidth is accelerating the need for dense 100 Gigabit Ethernet switching in both leaf and spine tiers of modern networks. The Arista 7260X3 Series are purpose-built high-performance, high-density, fixed-configuration, data center switches with wire speed layer 2 and layer 3 features, combined with advanced features for software defined cloud networking and emerging requirements.

With 64 QSFP100 ports the 7260CX3-64 is a dense 40/100GbE system that can support a flexible combination of up to 64x 40/100GbE, 128x 50GbE or 10/25GbE of wire speed performance in a 2RU system. The Arista 7260CX3-64 combines low latency, and a shared packet buffer pool of 42MB that is allocated dynamically to ports that are congested.

Combining 100GbE density and industry leading power efficiency with typical power consumption under 10W per 100GbE port the 7260CX3-64 is ideal for both middle and end-of-row leaf or collapsed spine tiers with airflow choices for back to front, or front to back.

With support for a flexible combination of speeds including 10G, 25G, 40G, 50G and 100G and combined with Arista EOS, the 7260CX3-64 delivers rich features for big data, cloud, virtualized and traditional designs and accommodates the myriad different

applications and east-west traffic patterns found in modern data centers.



**Figure 1:** Arista 7260CX3-64: 64 x 40/100GbE QSFP100ports, 2 SFP+ ports

## Arista Extensible Operating System (EOS)

The Arista 7260X3 series runs 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, VM Tracer and Linux based tools can be run natively on the switch with the powerful x86 CPU subsystem.

## Model overview

The **7260CX3-64** is a 2RU system with 64 100G QSFP ports offering wire speed performance with an overall throughput of up to 12.8 Tbps. Each QSFP port is capable of a choice of 100GbE, 40GbE, 4x10GbE, 4x25GbE or 2x50GbE with hitless configuration change between modes. The 64 QSFP ports can be broken out to a system maximum of 128 ports allowing for easy transitions and maximum flexibility enabling deployment as both a leaf and spine. The two SFP+ ports provide additional connections for low speed management networks or out of band monitoring.

**Advanced provisioning & monitoring**

- CloudVision
- Zero Touch Provisioning (ZTP)
- LANZ for microburst detection
- DANZ Advanced Mirroring for visibility
- sFlow®
- Self-configure and recover from USB
- Traffic aware ECMP and UCMP
- PFC and ETS for congestion management

**Arista EOS**

- 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++

Consistent features to both the Arista 7060CX and 7260CX Series combined with lower power and high 100GbE density means the 7260CX3 is optimized for 100GbE top of rack and spine tiers, high density storage and next generation financial trading systems requiring predictable performance with low latency.



**Figure 2:** Arista 7260CX3-64:  
64x 100GbE QSFP100 ports, 2 SFP+ ports

**Dynamic buffer allocation**

The Arista 7260CX3 switches offer consistent latency from 450ns in cut-through mode, and a shared 42 MB integrated packet buffer that is twice the capacity of the 7060X Series. Upon congestion from micro-bursts or fan-in packets are buffered in an intelligent shared packet memory that has a total size of 42MB arranged as 10.5MB per port group to accommodate bursts and lossless traffic requirements. Unlike other architectures that have fixed per-port packet memory, or smaller shared memory pools the 7260CX3 Series use a Dynamic Buffer Allocation (DBA) scheme to allocate memory intelligently based on a combination of traffic class, queue depth and quality of service policy ensuring fair allocation to all ports. Buffer utilization, occupancy and thresholds are all visible with Arista LANZ and can be exported to monitoring tools for detailed analysis.

**High availability**

The Arista 7260X3 series switches are designed for high availability from both a software and hardware perspective. Key high availability features include:

- 1+1 hot-swappable power supplies and four N+1 hot-swap fans
- Color coded PSU's and fans
- Live software patching
- Self healing software with Stateful Fault Repair (SFR)
- Smart System Upgrade (SSU) and Accelerated Software Update (ASU)



**Figure 3:** Arista 7260X3 2RU Rear View: Front to Rear airflow (red)



**Figure 4:** Arista 7260X3 2RU Rear View: Rear to Front airflow (blue)

**Software Driven Cloud Networking**

Arista Software Driven Cloud Networking (SDCN), combines the principles that have made cloud computing the unstoppable force that it is: automation, self service provisioning, and linear scaling of both performance and economics coupled with the trend in Software Defined Networking that delivers: network virtualization, custom programmability, simplified architectures, and lower capital expenditure. This combination creates a best-in-class software foundation for maximizing the value of the network to both the enterprise and service provider data center. A new architecture for the most mission-critical location within the IT infrastructure that simplifies management and provisioning, speeds up service delivery, lowers costs and creates opportunities for competitive differentiation, while putting control and visibility back in the hands of the network and systems administrators.

**Smart System Upgrade**

Smart System Upgrade is a network application designed to address one of the most complicated and challenging tasks facing data center administrators—network infrastructure maintenance. Changes to the underlying network infrastructure can affect large numbers of devices and cause significant outages. SSU provides a fully customizable suite of features that tightly couples data center infrastructure to technology partners allowing for intelligent insertion and removal, programmable updates to software releases and open integration with application and infrastructure elements.



### Enhanced features for high performance networks

The Arista 7260X3 deliver a suite of advanced traffic control and monitoring features to improve the agility of modern high performance environments, with solutions for data monitoring, and next-generation 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.

Arista offers solutions for a variety of approaches to cloud-like network automation. Addressing the needs of the largest public cloud environments as well as applying those lessons learned in the turnkey CloudVision automation offering.

### 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.

### Scaling data center performance

The Arista 7260X3 series deliver line rate switching at layer 2 and layer 3 to enable faster and simpler network designs for data centers that dramatically lowers the network capital and operational expenses. When used in conjunction with the Arista 7000 series of fixed and modular switches it allows networks to scale to over 55,000 25/50G servers in low-latency two-tier networks that provide predictable and consistent application performance. The flexibility of the L2 and L3 multi-path design options combined with support for open standards provides architectural flexibility, scalability and network wide virtualization. Both designs support overlay networks via VXLAN and can integrate with standards-based overlay controller solutions. Arista EOS advanced features provide control and visibility with single point of management.

Arista Leaf-Spine Two-tier Network Architecture with 7260X3 Series

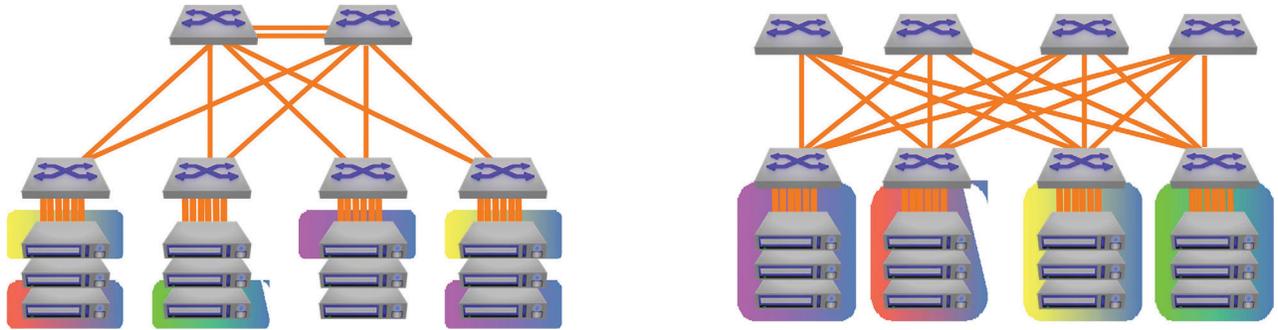


Figure 5: Arista Fixed System Leaf-Spine Designs Scale to 6,144 10GbE/25GbE ports or 1,536 40GbE/100GbE port at 3:1

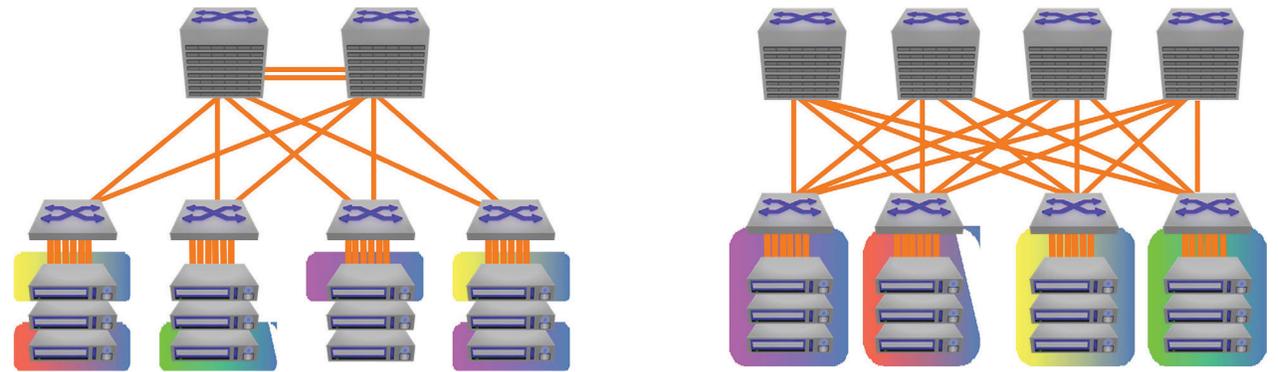


Figure 6: Arista Modular System Leaf-Spine Designs Scale to 55,296 25/50GbE ports at 3:1 subscription in a 16-way ECMP Design



## 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 7260X3 include enhancements for flexible scale-out designs:

- 128-way ECMP and 64-way MLAG to provide scalable designs and balance traffic evenly across large scale 2 tier leaf-spine designs
- Equal and Unequal Cost Multi-Pathing (ECMP and UCMP) for flexible traffic balancing in large scale multi-tier topologies
- Custom hash algorithms for efficient hashing, persistent hashing and custom lookups for tunneled protocols
- Flexible allocation of L2 and L3 forwarding table resources for more design choice
- Wide choice of dense 10G/25G/40G/100G interfaces for multi-speed flexibility
- Support for standards based IEEE 25GbE for simple and cost effective migration from 10G and 40G to 25G and 100G
- VXLAN routing, bridging and gateway capability for physical to virtualization communication in next generation data center designs
- DANZ, sFlow and multi-port mirroring to detect micro-burst congestion and provide network wide visibility and monitoring
- Hitless speed changes from 10G to 100G to eliminate down-time when implementing speed changes

## Unified Forwarding Table

Cloud network scalability is directly impacted by the size of a switches forwarding tables. In many systems a 'one size fits all' approach is adopted using discrete fixed size tables for each of the common types of forwarding entry. The Arista 7260X3 leverage a common Unified Forwarding Table for the L2 MAC, L3 Routing, L3 Host and IP Multicast forwarding entries, which can be partitioned per entry type. The ideal size of each partition varies depending on the network deployment scenario. The flexibility of the UFT coupled with the range of pre-defined configuration profiles available on the 7260X3 ensures optimal resource allocation for all network topologies and network virtualization technologies.

## Dynamic Load Balancing (DLB)

Traditional hash-based load balancing algorithms can result in link and path allocations with short term imbalances and under utilization of aggregate capacity. This is aggravated further in modern data centers with high traffic loads, varied flow duration, mixed packet sizes and micro-bursts. DLB enhancements to load balancing consider the real time load on links and dynamically assign new and existing flows to the best link. When imbalances are detected active flows and new flows are allocated to the least loaded paths to reduce the possibility of drops. Supported with any combination of ECMP and LAG/MLAG, DLB delivers higher throughput with enhanced load distribution while offering the user an open implementation.

## Advanced Event Management (AEM)

Simplifying the overall operations, AEM provides the tools to customize alerts and actions. AEM is a powerful and flexible set of tools to automate tasks and customize the

behavior of EOS and the operation of the overall data center switching infrastructure. AEM allows operators to fully utilize the intelligence within EOS to respond to real-time events, automate routine tasks, and automate actions based on changing network conditions.

## Virtualization

Supporting next-generation virtualized data centers requires tight integration with orchestration tools and emerging encapsulation technologies such as VXLAN. The 7260X3 build on the valuable tools already provided by the Arista VM Tracer suite to integrate directly into encapsulated environments. Offering a wire-speed gateway between VXLAN and traditional L2/3 environments, they make integration of non-VXLAN aware devices including servers, firewalls and load-balancers seamless and provide the ability to leverage VXLAN as a standards based L2 extension technology for non-MPLS environments.

## Precise data analysis

Arista Latency Analyzer (LANZ) is an integrated feature of EOS. LANZ provides precise real-time monitoring of micro-burst and congestion events before they impact applications, with the ability to identify the sources and capture affected traffic for analysis. Advanced analytics are provided with features like buffer monitoring with configurable thresholds, in-band path and latency monitoring, event driven trace packets and granular time stamping.

## Precision timing (IEEE 1588)

Arista's hardware derived Precision Time Protocol solution provides a robust mechanism for accurate in-band time distribution in high performance environments. The system clock can be synchronized using IEEE 1588 PTP.



## Feature overview

### Layer 2 features

- 802.1w Rapid Spanning Tree
- 802.1s Multiple Spanning Tree Protocol
- Rapid Per VLAN Spanning Tree (RPVST+)
- 4096 VLANs
- Q-in-Q
- Dynamic Load Balancing \*
- 802.3ad Link Aggregation/LACP
  - 64 ports/channel
  - 64 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)
- uRPF
- RAIL

### Advanced monitoring and provisioning

- Zero Touch Provisioning (ZTP)
- Smart System Upgrade
- 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
  - Port Channel source and destination
  - 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)
  - OpenFlow 1.0 \*
  - OpenFlow 1.3 \*
  - Arista DirectFlow \*
  - eAPI
  - OpenStack® Neutron Support
- IEEE 1588 PTP (Transparent Clock and Boundary Clock) \*

### Virtualization support

- VXLAN Gateway (draft-mahalingam-dutt-dcops-vxlan-01) \*
- VXLAN Tunnel Endpoint \*
- VXLAN Routing \*
- VXLAN Bridging \*
  - VM Tracer VMware® Integration
  - VMware® vSphere™ support

- VM Auto Discovery
- VM Adaptive Segmentation
- VM Host View

### Security features

- PDP
- Service ACLs
- DHCP Relay/Snooping
- TACACS+
- RADIUS

### Quality of service (QoS) features

- Up to 8 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

### 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

\*Not currently supported in EOS



**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
- 802.3ab 1000BASE-T
- 802.3z Gigabit Ethernet
- 802.3ae 10 Gigabit Ethernet
- 802.3by 25 Gigabit Ethernet
- 802.3ba 40 and 100 Gigabit Ethernet

- 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

**Table sizes**

<b>STP instances</b>	64 (MST)/510 (RPVST+)
<b>IGMP groups</b>	136K, with 16K unique groups
<b>ECMP</b>	128-way, 2K groups

See EOS release notes for latest supported MIBs

<b>UFT Mode-2 is default</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>MAC addresses</b>	264K	200K	136K	72K	8K
<b>IPv4 host routes</b>	8K	72K	136K	200K	8K
<b>IPv4 multicast (S, G)</b>	4K	36K	68K	100K	4K
<b>IPv6 host routes</b>	4K	36K	68K	100K	4K
<b>LPM table mode</b>	<b>ALPM</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>IPv4 LPM routes</b>	180K	16K	16K	16K	16K
<b>IPv6 LPM routes—unicast (prefix length &lt;= 64)</b>	90K	6K	4K	2K	-
<b>IPv6 LPM routes—unicast (any prefix length)</b>	30K	1K	2K	3K	4K

\*Not currently supported in EOS



## Specifications

<b>Switch model</b>	<b>7260CX3-64</b>
<b>Ports</b>	64x QSFP100 2x SFP+
<b>Max 100GbE Ports</b>	64
<b>Max 50GbE Ports</b>	128
<b>Max 40GbE Ports</b>	64
<b>Max 25GbE Ports</b>	128*
<b>Max 10GbE Ports</b>	130*
<b>Max 1GbE Ports</b>	2
<b>Throughput</b>	12.8 Tbps
<b>Packets/second</b>	4.2 Bpps
<b>Latency</b>	450ns
<b>CPU</b>	Dual-Core x86
<b>System memory</b>	8 GB
<b>Flash storage memory</b>	30 GB
<b>Packet buffer memory</b>	42 MB (Dynamic Buffer Allocation)
<b>10/100/1000 management ports</b>	1
<b>RS-232 serial ports</b>	1 (RJ-45)
<b>USB ports</b>	1
<b>Hot-swap power supplies</b>	2 (1+1 redundant)
<b>Hot-swappable fans</b>	4 (N+1 redundant)
<b>Reversible airflow option</b>	Yes
<b>Typical/max power*</b>	340W / 660W
<b>Rack units</b>	2RU
<b>Size</b>	19 x 3.5 x 18 inches (48.3 x 8.8 x45.7 cm)
<b>Weight</b>	34lbs (15.6kg)
<b>Power supplies</b>	745W AC 1900W DC
<b>EOS Feature Licenses</b>	LIC-FIX-4
<b>Minimum EOS</b>	TBD

\*Not currently supported in EOS



## Standards compliance

<b>EMC</b>	<ul style="list-style-type: none"> <li>Emissions: FCC, EN55022, EN61000-3-2, EN61000-3-3 or EN61000-3-11, EN61000-3-12 (as applicable)</li> <li>Immunity: EN55024</li> <li>Emissions and immunity: EN300 386</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>UL/CSA 60950-1, EN 60950-1, IEC 60950-1</li> <li>CB Scheme with all country differences</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>North America (NRTL)</li> <li>European Union (EU)</li> <li>BSMI (Taiwan)</li> <li>C-Tick (Australia)</li> <li>CCC (PRC)</li> <li>MSIP (Korea)</li> <li>EAC (Customs Union)</li> <li>VCCI (Japan)</li> </ul>
<b>European Union directives</b>	<ul style="list-style-type: none"> <li>2006/95/EC Low Voltage Directive</li> <li>2004/108/EC EMC Directive</li> <li>2011/65/EU RoHS Directive</li> <li>2012/19/EU WEEE Directive</li> </ul>

## Environmental characteristics

<b>Operating temperature</b>	0 to 40°C (32 to 104°F)
<b>Storage temperature</b>	-40 to 70°C (-40 to 158°F)
<b>Relative humidity</b>	5 to 95%
<b>Operating altitude</b>	0 to 10,000 ft, (0-3,000 m)

## Power supply specifications

Power supply model	PWR-745AC	PWR-1900DC
<b>Input voltage</b>	100-240V AC	40-72V DC
<b>Typical input current</b>	10 - 4A	28 - 50A 46A at -48V
<b>Input frequency</b>	50/60 Hz	DC
<b>Input connector</b>	IEC 320-C13	AWG #6-3
<b>Efficiency (typical)</b>	93% platinum	90%
<b>Compatibility</b>	7260CX3-64	7260CX3-64

\* Not currently supported in EOS

**Notes:**

<sup>1</sup> Typical power consumption measured at 25C ambient with 50% load

<sup>2</sup> Performance rated over operation with average packets larger than 128 bytes.



## Supported optics and cables

Interface type	40G QSFP ports
10GBASE-CR	0.5 m to 5 m QSFP+ to 4x SFP+
40GBASE-CR4	0.5 m to 5 m QSFP+ to QSFP+
40GBASE-AOC	3 m to 100 m
40GBASE-UNIV	150 m (OM3)/150 m (OM4)/500 m (SM)
40GBASE-SRBD	100 m (OM3)/150 m (OM4)
40GBASE-SR4	100 m (OM3)/150 m (OM4)
40GBASE-XSR4	300 m (OM3)/450 m (OM4)
40GBASE-PLRL4	1 km (1 km 4 x 10 G LR/LRL)
40GBASE-PLR4	10 km (10 km 4 x 10 G LR/LRL)
40GBASE-LR4	10 km
40GBASE-ER4	40 km

Interface type	100G QSFP ports
100GBASE-SR4	70 m OM3 / 100 m OM4 Parallel MMF
100GBASE-SWDM4	70 m OM3 / 100 m OM4 Duplex MMF
100GBASE-LR4	10 km SM Duplex
100GBASE-LRL4	2 km SM Duplex
100GBASE-CWDM4	2 km SM Duplex
100GBASE-PSM4	500 m SM Parallel
100GBASE-AOC	3 m to 30 m
100GBASE-CR4	QSFP to QSFP: 1 m to 5 m
25GBASE-CR	QSFP to SFP25: 1 m to 3 m lengths

Interface type	SFP+ ports
10GBASE-CR	SFP+ to SFP+: 0.5 m-5 m
10GBASE-AOC	SFP+ to SFP+: 3 m-30 m
10GBASE-SRL	100 m
10GBASE-SR	300 m
10GBASE-LRL	1 km
10GBASE-LR	10 km
10 GBASE-ER	40 km
10GBASE-ZR	80 km
10GBASE-DWDM	80 km
100 Mb TX, 1GbE SX/LX/TX	Yes



## Ordering information

Switch	Arista SKU	HPE SKU
Arista 7260X3 64QSFP28 2SFP+ Front-to-Back AC Switch	DCS-7260CX3-64-F	JQ193A
Arista 7260X3 64QSFP28 2SFP+ Back-to-Front AC Switch	DCS-7260CX3-64-R	JQ194A

**Note:** Switches sold in the US are manufactured at a US facility and comply with TAA requirements.

Optional components	Arista SKU	HPE SKU
Arista Enhanced L3 Software 10G Fix-4 E-LTU	LIC-FIX-4-E	JL410AAE
Arista Provisioning Software 10G Fix-4 E-LTU	LIC-FIX-4-Z	JL412AAE
Arista Virtualization Software 10G Fix-4 E-LTU	LIC-FIX-4-V	JL415AAE
Arista FlexRoute L3 Lite Software Fix-4 E-LTU	LIC-FIX-4-FLX-L	JQ052AAE
Arista 7300 Series Front-to-Back Fan Module	FAN-7002-F	JL402A
Arista 7300 Series Back-to-Front Fan Module	FAN-7002-R	JL403A
Arista 750W TX Front-to-Back AC Power Supply	PWR-745AC-F	JH884A
Arista 750W TX Back-to-Front AC Power Supply	PWR-745AC-R	JH885A
Arista 7000 1900W Front-to-Back DC Power Supply	PWR-1900-DC-F	JH878A
Arista 7000 1900W Back-to-Front DC Power Supply	PWR-1900-DC-R	JQ014A
Arista 7002 2RU Accessory Kit	KIT-7002	JH867A
Arista 2 Post 2RU Rack Mount Kit	KIT-2POST	JH862A
Arista 4 Post Rack Mount Kit	KIT-4POST-NT	JH864A

Service	Arista SKU	HPE SKU
Arista A-Care 7260CX3-64 NBD Software 1 Month Support E-LTU	SVC-7260CX3-64-1M-NB	JQ214AAE
Arista A-Care 7260CX3-64 4H Software 1 Month Support E-LTU	SVC-7260CX3-64-1M-4H	JQ215AAE
Arista A-Care 7260CX3-64 2H Software 1 Month Support E-LTU	SVC-7260CX3-64-1M-2H	JQ216AAE



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**Support**

For more information:

[\*\*hpe.com/us/en/services.html\*\*](http://hpe.com/us/en/services.html)

+1-800-633-3600

**HPE Networking Sales**

+1-888-269-4073

**Service and Support**

HPE Pointnext's full portfolio of Consulting services as well as Support Services are available. The support services include Installation and Startup Services, Next Business Day Exchange, Next Business Day Onsite and 24x7 Onsite parts, Engineer and 4-hour committed response as well as Datacenter Care and Flex Capacity. (Arista A-Care services can also be purchased. Learn more at [\*\*arista.com\*\*](http://arista.com)). For service depot locations, please see: [\*\*arista.com/en/service\*\*](http://arista.com/en/service).

**Warranty**

The Arista 7260X3 switches come with a one-year limited hardware warranty that covers parts, repair, or replacement with a 10-business-day turnaround after the unit is received. Learn more at [\*\*arista.com\*\*](http://arista.com).





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