

Product Highlights

Performance

- 7060X6-64PE and 7060X6-64PE-B: 64x OSFP 800G, 2x SFP+
- 7060X6-32PE: 32x OSFP800G, 2x SFP+
- Up to 51.2 terabits per second
- Up to 21.2 billion packets per second
- Wire speed L2 and L3 forwarding
- Latency from 700ns

Data Center Optimized Design

- 64 ports of 800G in 2RU
- Under 16W typical per 800G port
- Support for Linear Pluggable Optics (LPO)
- Over 96% efficient power supplies
- 1+1 redundant & hot-swappable power
- N+1 redundant & hot-swappable fans
- Removable and replaceable supervisor
- Tool less rails for simple installation

Cloud Networking Ready

- 128-way ECMP for hyperscaler and AI/ML networks
- Flow aware traffic scheduling
- Shared 165 MB Buffer with burst absorption and support for Advanced Queueing
- Up to 136K MAC addresses
- Over 860K IPv4 Routes
- Over 500K IPv6 Routes
- DirectFlow and eAPI

AI/ML Ready

- RoCEv2
- Packet Spraying
- Dynamic Load Balancing (DLB)
- Cluster Load Balancing (CLB)
- Advanced DCQCN
- PFC/ECN
- SSU
- AI Analyzer
- LANZ for microburst detection
- Workload and NIC Integration

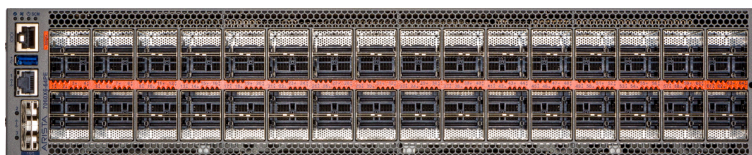
Overview

The ever-evolving landscape of AI/ML technology, coupled with the emergence of new applications, is driving a significant surge in bandwidth requirements with the front-end and back-end data center networks. Instrumental in the next generation ecosystem of ultra-high performance applications including hyper-scale cloud computing and dedicated AI/ML clusters is 800 Gigabit Ethernet. Faster, higher capacity CPUs, high speed connectivity options, specialist processors, Smart NICs, GPUs, DPUs and flash storage enable the construction of larger clusters which require high bandwidth and large radix networks to achieve optimal performance.

Offering up to 51.2 Tbps throughput, Arista's 7060X6 series delivers the highest density of 800 GbE switching in a single chip platform. Deterministic low latency, line rate performance, proven layer 2 and layer 3 features, advanced traffic awareness and instrumentation powered by Arista EOS provides the ideal foundation for high performance applications and the scale to match the largest clusters' requirements. The Arista 7060X6 series provides rich support for telemetry, load balancing and congestion control mechanisms that are essential for modern AI/ML networks, ensuring faster job completion times (JCT) to accelerate training and inference.

The 7060X6 series delivers a rich choice of port speeds and density including support for 25 GbE to 800 GbE, enabling consistent network architectures that seamlessly scale from small dedicated clusters to the needs of the largest multi-tier networks.

Coupled with Arista EOS, the 7060X6 smart switch delivers advanced features for hyperscale networks, server-less compute, big data farms and AI clusters. Scalability, high bandwidth, low latency, traffic management and prioritization, network security, rich telemetry and instrumentation are the cornerstones for the next generation networks.



*Arista 7060X6-64PE and 7060X6-64PE-B:
64 x 800 GbE OSFP ports, 2 SFP+ ports*



*Arista 7060X6-32PE:
32 x 800 GbE OSFP ports, 2 SFP+ ports*

Arista EOS

The Arista 7060X6 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.

Model Overview

The Arista 7060X6 series offers high density 800 GbE in compact 2RU form factors. The systems deliver the highest performance of 51.2 Tbps, combined with feature rich layer 2 and layer 3 forwarding, suited for both leaf, or fixed configuration spine deployments in modern large scale networks addressing the challenges of increasing network capacity and efficiency through lower power, enhanced automation and advances in scalability.

The **7060X6-64PE** delivers 64 800G ports in a 2RU system with an overall throughput of 51.2 Tbps. The system also has 2 dedicated SFP+ data plane ports. The 7060X6-64PE offers OSFP interfaces, supporting industry standard optics and cables allowing for ease of migration to 800G. All ports allow a choice of speeds including 800 GbE, 400 GbE, 200 GbE or 100 GbE, up to 320 interfaces.

The **7060X6-64PE-B** delivers 64 800G ports in a 2RU system with an overall throughput of 51.2 Tbps. The system also has 2 dedicated SFP+ data plane ports. The 7060X6-64PE offers OSFP interfaces, supporting industry standard optics and cables allowing for ease of migration to 800G. All ports allow a choice of speeds including 800 GbE, 400 GbE, 200 GbE or 100 GbE, up to 512 interfaces.

The **7060X6-32PE** delivers 32 800G ports in a 1RU system with an overall throughput of 25.6 Tbps. The system also has 2 dedicated SFP+ data plane ports. The 7060X6-32PE offers OSFP interfaces, supporting industry standard optics and cables allowing for ease of migration to 800G. All ports allow a choice of speeds including 800 GbE, 400 GbE, 200 GbE or 100 GbE, up to 256 interfaces.



*Arista 7060X6-64PE:
64 x 800G OSFP ports, 2 SFP+ ports*



2.4kW Hot swap power supplies



*Arista 7060X6 2RU Rear View: Front to Rear airflow (red)
AC Powered*



2U Hot swap fan modules

The Arista 7060X6 series also uses a novel approach for the field replaceability of its components, in the 2RU variants. The Supervisor card can be field-replaced, accessing it by removing the two right-most fan units. This offers several benefits, particularly in terms of simplified maintenance, reduced downtime, increased flexibility, lower TCO, and improved reliability. This state-of-the-art design facilitates robust operational efficiency.



Arista 7060X6 Rear View: Accessing the field replaceable Supervisor card

The ordering SKU for this removable Supervisor card is DCS-7001-SUP-A.

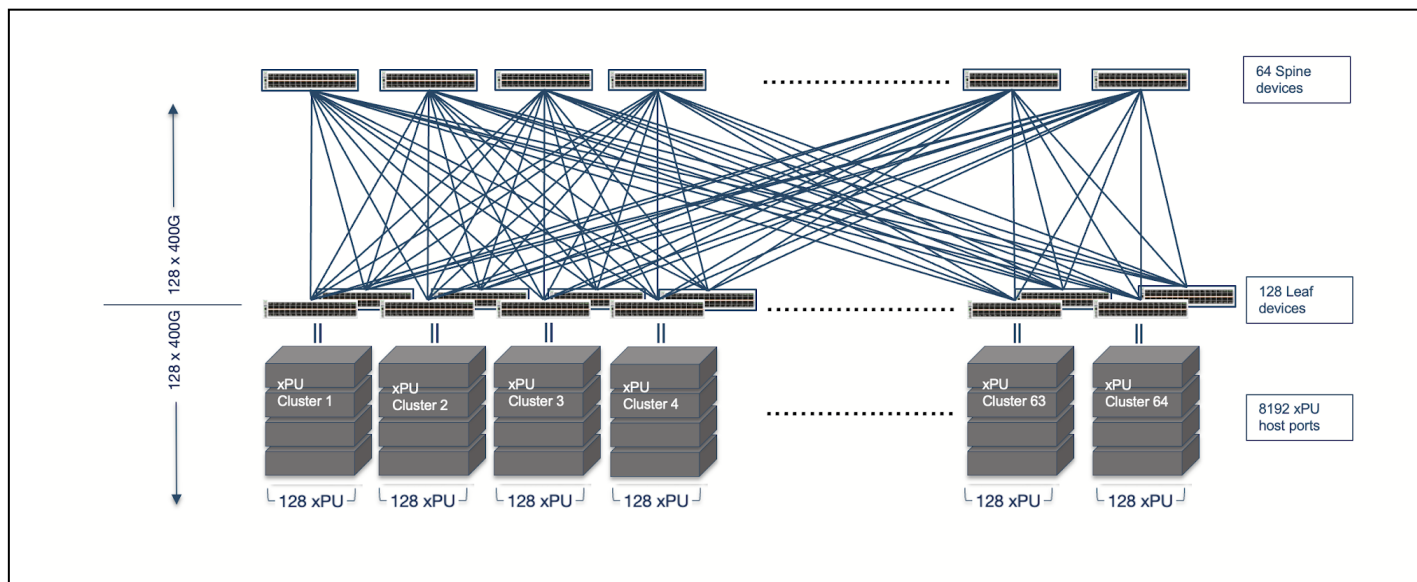
Artificial Intelligence (AI) data centers require high-performance, scalable, and flexible network infrastructure to support the growing demands of AI workloads. AI training workloads typically involve synchronized, high throughput traffic flows that require a careful design of the underlying network to maximize xPU efficiency and performance. These workloads present new challenges for compute, network, and storage solutions, as large models are run in parallel across multiple GPU clusters for training and inference. These models require fast job completion time (JCT) with minimal delays to finish the computations utilizing the right network design based on the AI workload. A single workload being processed slower than the others will cause the entire cluster to enter a state of bottleneck. It is therefore important for the network devices being used in these AI networks to be able to identify and improve upon any potential bottlenecks, before they happen.

With a view towards being deployed in the most cutting-edge AI networks, the 7060X6 series provide:

- 64 ports of 800 GbE OSFP in 2RU
- Support for 2x400 GbE and 800 GbE optics for connectivity to the GPUs
- Support for low-power and highly reliable Linear Pluggable Optics (LPO)
- Optimal Load Balancing, leveraging a suite of features as described below
- Advanced Telemetry capabilities
- Enhanced congestion control with ECN/PFC
- Automation of optimized designs through CloudVision

Support for all these features, powered by the reliability of Arista EOS, make the 7060X6 series the right system of choice in today's ever-growing and highly demanding AI networks. Depending upon the scale desired, these systems can be deployed in a single-tier, two-tier or multi-tier networks. The flexibility of using a single and consistent EOS across the entire network also allow these multi-tier networks to have the Arista 7800R3 modular portfolio be deployed in conjunction with the Arista 7060X6 series.

The Arista 7060X6 product portfolio has a host of smart features that are able to dynamically and intelligently tailor themselves to the demands of the modern datacenter and AI networks. A selection of these noteworthy features are described in more detail in this section.



A 2-tier network design using 7060X6 for a 8192 port xPU cluster

AI Analyzer *

AI/ML traffic patterns exhibit unique ramp up behavior in very short intervals of time. Traditional software-based traffic counters do not lend themselves to examine these unique flows. The AI Analyzer is an integrated hardware capability that enables the collection of ECMP member utilization data, aggregated over extremely short periods of time, as granular as 100 microseconds. This allows the Arista 7060X6 series to effectively analyze these traffic patterns. The results can then be applied to fine tune dynamic load balancing workloads uniformly across the member links, to optimize AI/ML applications.

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. An efficient load balancing implementation helps in avoiding bottleneck in AI networks, resulting in efficient utilization of the job completion cycles.

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.

Enhanced Congestion Control

DCQCN, ECN, and PFC are mechanisms used in data center networks to manage congestion. DCQCN uses a quantized congestion notification algorithm, ECN uses a CE bit to signal network congestion, and PFC uses priority-based flow control to signal network congestion. These mechanisms work collectively to help improve network performance by reducing the probability of packet loss, ensuring that data center networks handle the demands of modern workloads. Within ECN, the addition of enhancements including latency-based marking, throughput-based marking, and dynamic marking provide intelligent controls for scalable congestion control.

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.

Maximum Flexibility for Scale Out Network Designs

- Wide choice of optics and cables for multi-speed flexibility from 100G to 800G
- Support for Linear Pluggable Optics (LPO's) that result in significantly lower power consumption and tremendous cost savings
- 128-way ECMP and 64-way MLAG for scalable designs and to balance traffic evenly across large scale multi-tier designs
- Advanced feature set including Enhanced ECMP Hashing and DLB consider real-time loads and dynamically assign new and existing flows to improve performance
- Advanced Multipathing improves congestion management by rebalancing flows in large scale environments
- Hitless speed changes from 800G to 100G eliminate down-time when implementing speed changes
- Intelligent congestion control mechanisms including PFC, ECN and QoS deliver advanced tuning to prevent network bottlenecks
- AI Analyzer and smart telemetry features optimize deployment of the Arista 7060X6 series in state-of-the-art AI networks

Precise Data Analysis

Arista's Streaming Telemetry, Latency Analyzer (LANZ), and AI Analyzer are integrated features of EOS. Together these capabilities provide a complete solution to the monitoring and visibility challenges at speeds up to 800Gbps giving IT operations the ability to proactively deliver feedback on congestion events, filter, replicate, aggregate and capture traffic without affecting production performance. EOS monitoring features include both event triggered monitoring for real-time micro-burst and congestion tracking as well as high rate counter polling down to 1ms granularity.

Virtualization

Supporting next-generation virtualized data centers and AI/ML networks requires tight integration with orchestration tools and encapsulation technologies such as VXLAN. The 7060X6 builds 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.

CloudVision® for Accelerated Computing

CloudVision is a network-wide approach for workload orchestration and workflow automation as a turnkey solution for Accelerated Computing. CloudVision extends the EOS publish-subscribe architectural approach across the network for state, topology, monitoring and visibility.

CloudVision combined with Arista Validated Designs (AVD) enables a template driven automated common configuration model to be deployed deterministically across all network elements, implementing best-practice configuration parameters with minimal user input. When combined with the Arista AI Agent for compute hosts, configuration consistency and visibility is extended into the compute platform improving cluster deployment time, operational stability and end to end telemetry.

EOS Licensing

Arista 7060X6 Series with EOS and CloudVision, is designed to provide flexibility both in the choice of the appropriate feature functionality and in the software consumption model. The base feature set of Arista EOS comes bundled with the Arista products and systems. A set of feature licenses are available to enable additional functionality in advanced feature sets. The traditional licensing procurement model employs a perpetual term for the right to use the feature, set at a fixed price. For Arista CloudVision the functionality is available as a monthly subscription, for an agreed upon term.

Arista Optics and Cables

The Arista 7060X6 Series supports a wide range of 10G, 25G, 50G, 100G, 200G, 400G and 800G pluggable optics and cables in the OSFP ports. Linear Pluggable Optics (LPO's) are also supported. For more details about the different optical modules and the minimum EOS Software release required for each of the supported optical modules, visit <https://www.arista.com/en/products/transceivers-cables>

Supported Features in EOS

For the latest feature support on these platforms, please visit

<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
 - 128 groups per system
- Multi-Chassis Link Aggregation (MLAG)
 - 64 ports per MLAG
- Custom LAG Hashing
- Resilient LAG Hashing
- 802.1AB Link Layer Discovery Protocol
- Jumbo Frames (9216 Bytes)
- IGMP v1/v2/v3 snooping
- Storm Control

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*
- Traffic statistics polling at rates as low as 100 msec
- Optional traffic statistics fast polling as low as 1 msec rate
 - 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*
 - True Egress Mirror*

- Advanced Event Management suite (AEM)
 - CLI Scheduler
 - Event Monitor
 - Linux tools
- Integrated packet capture/analysis with TCPDump
- RFC 3176 sFlow

Virtualization Support

- VXLAN Routing* and Bridging*
- VM Tracer VMware Integration
 - VMware vSphere support
 - VM Auto Discovery
 - VM Adaptive Segmentation

Security Features

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

Quality of Service (QoS) Features

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

Advanced Load Balancing Features

- Dynamic Load Balancing (DLB)

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
- 802.3ae 10 Gigabit Ethernet
- 802.3ba 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
- 800GBASE-ETC

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

STP Instances	62 (MST)/62 (RPVST+)
IGMP Groups	128K, with 512 unique groups
ACLs	2304
Egress ACLs	512
ECMP	128-way, 4K groups, 16K members
MAC Addresses	128K
IPv4 Host Routes	500K
IPv4 Multicast (S,G)	256K
IPv4 LPM Routes	860K
IPv6 LPM Routes - Unicast (prefix length <= 64)	600K
IPv6 LPM Routes - Unicast (any prefix length)	600K

See EOS release notes for latest supported MIBs

* Not currently supported in EOS

Model Comparison	7060X6-64PE	7060X6-64PE-B	7060X6-32PE
Ports	64x 800G OSFP 2x SFP+	64x 800G OSFP 2x SFP+	32x 800G OSFP 2x SFP+
Max 800 GbE Ports	64	64	32
Max 400 GbE Ports	128	128	64
Max 200 GbE Ports	256	256	128
Max 100 GbE Ports	320	512	160
Max 50G bE Ports	320	512	160
Throughput (FDX)	51.2 (102.4) Tbps	51.2 (102.4) Tbps	25.6 (51.2) Tbps
Packets/Second ¹	21.2 Bpps	21.2 Bpps	10.6 Bpps
Latency	700 ns	700 ns	700 ns
CPU	Multi-Core x86	Multi-Core x86	Multi-Core x86
System Memory	32 Gigabytes	32 Gigabytes	32 Gigabytes
Flash Storage Memory	240 Gigabytes	240 Gigabytes	240 Gigabytes
Packet Buffer Memory	165 MB	165 MB	84 MB
10/100/1000 Mgmt Ports	1	1	1
RS-232 Serial Ports	1 (RJ-45)	1 (RJ-45)	1 (RJ-45)
USB Ports	1	1	1
Hot-swap Power Supplies	2 (1+1 redundant)	2 (1+1 redundant)	2 (1+1 redundant)
Hot-swappable Fans	4 (N+1 redundant)	4 (N+1 redundant)	4 (N+1 redundant)
Airflow Direction	Front to Rear	Front to Rear	Front to Rear
Typical ² /Max ³ Power Draw	640W/2218W	640W/2218W	348W/1136W
Size (WxHxD)	17.32 x 3.46 x 23.9 in (44 x 8.79 x 60.7 cm)	17.32 x 3.46 x 23.9 in (44 x 8.79 x 60.7 cm)	17.32 x 1.7 x 21.7 in (44 x 4.31 x 55.11 cm)
Weight	46 lbs (20.86 kg)	46 lbs (20.86 kg)	29.2 lbs (13.24 kg)
Fan Tray	FAN-7021H-RED	FAN-7021H-RED	FAN-7011H-F
Power Supplies	PWR-2421 HV-AC/DC-RED PWR-2411-MC-RED	PWR-2421 HV-AC/DC-RED PWR-2411-MC-RED	PWR-2011-AC-RED
EOS Feature Licenses	LIC-FIX-4	LIC-FIX-4	LIC-FIX-3
Minimum EOS	4.32.2	TBD	TBD

1. Performance rated over operation with average packets larger than 295 bytes.

2. Typical power consumption measured at 25C ambient with 50% load with DACs

3. Max power consumption measured at 46C ambient with 100% load with high powered optics

Power Supply	PWR-2421 HV	PWR-2411-MC-RED	PWR-2411-DC-RED	PWR-2011-AC-RED
Input Voltage	200-277 VAC 240-380 VDC	48-60 VDC	40-72V DC	90 -264 VAC
Typical Input Current	13.5A at 200V AC	60 - 50 A Max (48 - 60 V)	42A at -48V	8.8A at 200V AC
Input Frequency	50/60Hz AC or DC	DC	DC	50/60Hz AC
Output Power	2400W	2400W	2400W	1600W
Input Connector	SAF-D	6-Pin M-CRPS	AWG #2-4 Dual-hole Lugs	IEC 60320 C14
Efficiency (Typical)	96%	96%	94%	96%

Arista Optics and Cables

The Arista 7060X6 Series supports a wide range of 50G to 800G pluggable optics and cables. For details about the different optical modules and the minimum EOS Software release required for each of the supported optical modules, visit <https://www.arista.com/en/products/transceivers-cables>

Standards Compliance

EMC	FCC A ICES-003 Issue 7 EN 55032:2015 EN IEC 61000-3-2:2019 EN 61000-3-3 KS C 9832 VCCI-CISPR 32:2016 AS/NZS CISPR 32:2015 +A1 2020 EN 300 386, TEC/SD/DD/EMC-221 CNS 15936 BS EN 55032:2015+A11:2020 BS EN IEC 61000-3-2 BS EN 61000-3-3
	EN 55035:2017+A11:2020 EN 300 386 KS C9835 BS EN 55035:2017+A11:2020
Safety	EN 62368-1:2020+A11:2020 EN 62368-1:2014+A11:2017 IEC 62368-1: 2018 Korea KC Safety KC 62368-1 (2021-08) CSA/UL 62368-1:2019 NOM 019-SCFI-1998 CNS 15598-1 AS/NZS 62368.1:2022
Certifications	BSMI (Taiwan) FCC Class A (United States) ICES-003 (Canada) CE (European Union) KCC (South Korea) NRTL (North America) RCM (Australia / New Zealand) UKCA (United Kingdom) VCCI (Japan) TEC (India) ANATEL (Brazil) ICASA (South Africa) NOM Equivalency (Mexico)
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 90%
Operating Altitude	0 to 10,000 ft, (0-3,000m)

1. Certain airflow configurations or the use of higher power or reduced temperature range optics may reduce maximum operating temperature or operating altitude.

7060X6-64PE	Product Description
DCS-7060X6-64PE-F	Arista 7060X6, 64x800GbE OSFP switch, front-to-rear air, 2xAC 2400W
DCS-7060X6-64PE#	Arista 7060X6, 64x800GbE OSFP switch, no fans, no psu
DCS-7060X6-64PE-B-F	Arista 7060X6 B, 64x800GbE OSFP switch, front-to-rear air, 2xAC 2400W
DCS-7060X6-64PE-B#	Arista 7060X6 B, 64x800GbE OSFP switch, no fans, no psu
PWR-2421-HV-RED	Arista 2400W HV AC and DC Power Supply, FORWARD, 73.5MM
PWR-2411-MC-RED	Arista PSU, 1RU, +48VDC, 2400W, 6-PIN Modular Connector, FORWARD, 73.5MM
FAN-7021H-RED	Arista spare fan module (forward airflow)
DCS-7001-SUP-A	7001 series SupervisorA module with 4c/8t 2.7 GHz CPU, 32GB RAM, 240GB NVMe (spare)
KIT-7203	Spare accessory kit for Arista 7000 2-4RU switches

Software Licenses	Product Description
LIC-FIX-4-E	Enhanced L3 License for Arista Group 4 Fixed switches, (BGP, OSPF, ISIS, PIM, NAT)
LIC-FIX-4-V	Virtualization license for Group 4 Arista Fixed switches (VMTracer and VXLAN)
LIC-FIX-4-V2	EOS Extensions, Security and Partner Integration license for Arista Group 4 Fixed switches
LIC-FIX-4-Z	Monitoring & Automation license for Arista Group 4 Fixed switches (ZTP, LANZ, TapAgg, API, Time-stamping, OpenFlow)
LIC-FIX-4-FLX-L	FLX-Lite License for Arista Fixed switches Group 4 - Full Routing Up to 256K Routes, EVPN, VXLAN, SR, base MPLS LSR (no TE or link/node protection)

7060X6-32PE Product Description

DCS-7060X6-32PE-F	Arista 7060X6, 32x800GbE OSFP switch, front-to-rear air, 2xAC
DCS-7060X6-32PE#	Arista 7060X6, 32x800GbE OSFP switch, no fans, no psu
PWR-2011-AC-RED	Arista PSU, AC TO DC, 2000W, FORWARD, RED
FAN-7011H-F	Arista spare fan module (forward airflow)

Software Licenses Product Description

LIC-FIX-3-E	Enhanced L3 License for Arista Group 3 Fixed switches, (BGP, OSPF, ISIS, PIM, NAT)
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-Z	Monitoring & Automation license for Arista Group 3 Fixed switches (ZTP, LANZ, TapAgg, API, Time-stamping, OpenFlow)
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)

Warranty

The Arista 7060X6 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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