

Extreme[™]
Customer-Driven Networking

PRODUCT CATALOG

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EXTREME**WIRELESS**

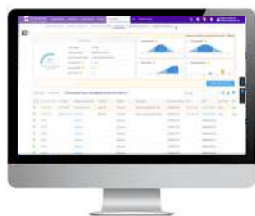


EXTREME**SWITCHING**



EXTREME**ROUTING**

ExtremeCloud IQ



DESCRIPTION

Centralized cloud-management for the Extreme portfolio

PRODUCT POSITIONING

- Delivers network automation, insights and assurance
- Available as a public, private or on-premise solution
- Powerful artificial intelligence and machine learning capabilities
- Continuous delivery of updates and features

Extreme Management Center



DESCRIPTION

Single pane of glass management, control and analytics

PRODUCT POSITIONING

- Consistent security, visibility and automation that extends from the wired/wireless edge to the Data Center to the Cloud
- Provides a true 360 view of the users, devices, applications and the network
- Offers a single datastore with information sharing across the toolsets to deliver important context to its users.
- Rich APIs with integrations with major enterprise software vendors

ExtremeManagement



DESCRIPTION

Comprehensive network management and assurance

PRODUCT POSITIONING

- Single pane of glass management from the edge to the Data Center
- Zero touch provisioning to enable quick deployment of new infrastructure
- Comprehensive Fabric Connect visibility and provisioning capabilities
- Intuitive integrated workflows for fast onboarding of SLX/MLX products

Extreme Workflow Composer



DESCRIPTION

Workflow automation across domains

PRODUCT POSITIONING

- Full life cycle automation including provisioning, configuration, validation and troubleshooting
- Cross-domain, multi-vendor IT automation, enabling full integration of compute, storage, security and network resources
- Turnkey, customizable or do-it-yourself workflows
- DevOps inspired; powered by StackStorm

ExtremeAnalytics



DESCRIPTION

Real-time network and application insights

PRODUCT POSITIONING

- Collect consistent data from the edge to the data center (physical and virtual) and into the multi-cloud
- Gain insights into your application usage, users and devices across all locations
- Improve security by blocking shadow IT, unapproved applications and unusual traffic
- Proactive monitoring of application performance to avoid disruption

ExtremeLocation



DESCRIPTION

Cloud-based location and analytics solution

PRODUCT POSITIONING

- Highly scalable, multi-tier location services
- Integrates WiFi, BLE and geo-fencing technologies to track both people and assets
- Real-time and historical location analytics including site, zone and associate analytics
- Integrated contextual engagement engine to provide customers with special offers

Extreme Physical Packet Broker



DESCRIPTION

High capacity traffic monitoring

PRODUCT POSITIONING

- High-density traffic monitoring for the most demanding networks
- NEBS Level 3-certified, highly scalable nodes that curate traffic for network monitoring tools
- Enables wire-speed traffic aggregation, regeneration, optimization and load balancing to optimize tool performance
- Programmability through APIs

Extreme Virtual Packet Broker



DESCRIPTION

Scalable visibility and monitoring for virtual networks

PRODUCT POSITIONING

- Comprehensive visibility to secure, monitor and optimize virtualized networks
- Analyzes traffic between application VMs; forwarding to specialized tools as required
- Continuously adjusts to changes in traffic volume and flow patterns
- Supports traffic interception, filtering and optimization to maximize productivity of network monitoring and analytic tools

Extreme Session Director



DESCRIPTION

Session-based intelligence for mobile operators

PRODUCT POSITIONING

- Works with Extreme Packet Brokers to deliver subscriber-aware traffic load balancing, filtering and sampling
- Makes session-aware forwarding decisions that are enforced by the MLX/SLX Packet Brokers.
- Enables cost effective scaling of the monitoring infrastructure by off-loading resource intensive functions
- Isolates voice traffic in the mobile network so that it can be forwarded to specialized voice analytics platforms

Extreme Visibility Manager



DESCRIPTION

Centralized management of MLX/SLX packet brokers

PRODUCT POSITIONING

- Automates the discovery, configuration back ups and software upgrades for Packet Brokers
- Granular configuration control at the device and port levels
- Intuitive point and click GUI interface to reduce errors
- Simple integration with third party management applications via APIs

ExtremeCloud A3



DESCRIPTION

Cloud-managed network access control (NAC)

PRODUCT POSITIONING

- Vendor-agnostic NAC solution for wireless/wired clients
- Device onboarding, guest management, automated device provisioning, device profiling and access control
- Creation and administration of granular network policies
- Comprehensive authentication toolset with built in RADIUS server

ExtremeControl



DESCRIPTION

Granular policy-based control

PRODUCT POSITIONING

- Centralized role-based network access control
- Ability to roll out consistent policies from the edge to the data center and into the multi-cloud
- Secure guest, BYOD and IoT management
- Device profiling; agent-based and agentless security

ExtremeCompliance



DESCRIPTION

Automated network configuration compliance solution

PRODUCT POSITIONING

- Automated network configuration compliance for HIPAA, PCI, and GDPR
- Automated compliance reporting for devices and network configurations
- Maintains compliance baseline and analyzes compliance with scheduled assessments

ExtremeGuest



DESCRIPTION

Guest access and analytics

PRODUCT POSITIONING

- Easy guest self-registration through social, email and/or SMS
- Analytics that give deep insight into demographics and behaviors of the visitor/ shopper population
- Ability to easily create custom captive portals tailored to your audience
- Comprehensive dashboards and reporting

Extreme AirDefense



DESCRIPTION

Wireless intrusion prevention system

PRODUCT POSITIONING

- 24x7x365 detection of wireless vulnerabilities and unusual network activity
- Real-time detection and termination of rogue access points
- Instant notification and response for policy violations
- Industry-leading threat detection library

Extreme Defender for IoT



DESCRIPTION

Secures mission critical and/or vulnerable IoT devices

PRODUCT POSITIONING

- Provides unique in-line security for wired/wireless IoT devices over any type of network infrastructure
- Applies and enforces whitelist profiles and controls IoT network access
- Isolates groups of IoT devices into end-to-end secure segments using Fabric Connect hyper-segments or IPsec tunnels
- Enables non-technical staff to manage their own IoT security and asset location tracking

AP305C/AP305XC



AP310i/e



AP410i/e



DESCRIPTION

Wi-Fi 6 (802.11ax) cloud managed 2x2 dual software defined radio indoor access point

PRODUCT POSITIONING

- Software Defined Radios – Dual 5GHz capable
- Fully functional with 802.3af PoE

DESCRIPTION

Wi-Fi 6 (802.11ax) 2x2 dual software defined radio indoor access point

PRODUCT POSITIONING

- Software Defined Radios – Dual 5GHz capable
- POE Out
- Integrated BLE, Zigbee and USB for IOT requirements

DESCRIPTION

Wi-Fi 6 (802.11ax) 4x4 tri- radio indoor access point

PRODUCT POSITIONING

- TriRadio design – 5GHz, 2.4GHz and dual band sensor
- Dedicated threat sensor for uncompromising security
- 1 Gig and 2.5 GE ports for flexible backhaul connectivity

AP410C



AP505



AP510i/e



DESCRIPTION

Wi-Fi 6 (802.11ax) cloud managed 4x4 tri-radio indoor access point

PRODUCT POSITIONING

- Tri-Radio design – 5GHz, 2.4GHz and dual band sensor
- Software Selectable Radio (SSR) – dual 5GHz capable
- Dedicated threat sensor for uncompromising security

DESCRIPTION

Wi-Fi 6 (802.11ax) 4x4 dual radio indoor access point

PRODUCT POSITIONING

- Dual Radio (dual band concurrent)
- Multi-rate GE port (2.5)
- IoT Radio: BLE & IEEE 802.15.4 USB

DESCRIPTION

Wi-Fi 6 (802.11ax) 4x4, 4x4 dual software defined radio indoor access point

PRODUCT POSITIONING

- Software Defined Radios – Dual 5GHz capable
- Multi-rate GE port (2.5/5)
- Redundant PoE w/Failover
- IoT Radio: BLE and IEEE 802.15.4 USB

AP510C/AP510XC



DESCRIPTION

Wi-Fi 6 (802.11ax) cloud managed 4x4, 4x4 dual software defined radio indoor access point

PRODUCT POSITIONING

- Software Defined Radios – Dual 5GHz capable
- 1 Gig and 2.5 GE ports for flexible backhaul connectivity
- Integrated BLE, Zigbee and USB for IoT requirements

AP360i/e



DESCRIPTION	DESCRIPTION	DESCRIPTION
Wi-Fi 6 (802.11ax) 2x2 dual software defined radio outdoor access point	Wi-Fi 6 (802.11ax) 4x4 tri-radio outdoor access point	Wi-Fi 6 (802.11ax) 4x4 dual software defined radio outdoor access point
PRODUCT POSITIONING	PRODUCT POSITIONING	PRODUCT POSITIONING
<ul style="list-style-type: none">- Software Defined Radios – Dual 5GHz capable- IP67 outdoor-rated- Integrated BLE and USP for IoT and guest engagement	<ul style="list-style-type: none">- Tri-Radio design – 5GHz, 2.4GHz and dual band sensor- Dedicated threat sensor for uncompromising security- 1 Gig and 2.5 GE ports for flexible back-haul connectivity	<ul style="list-style-type: none">- Outdoor IP67 Rated- Software Defined Radios – Dual 5GHz capable- Integrated and External Antennas- 1 Gig and 5Gig Uplink ports

AP460i/e



AP560i/h



AP3912i



DESCRIPTION

802.11ac Wave 2 wall-plate dual radio access point, integrated BTLE/802.15.4 radio

PRODUCT POSITIONING

- Dual radio 2x2:2 wall plate access point with integrated Bluetooth and 4 Ethernet ports
- Ideal for service areas such as residence halls, patient rooms, or conference rooms
- Fast deployments leveraging existing wall plate cabling
- PoE Pass-thru port to power additional device

AP3915i/e



DESCRIPTION

High-performance AP at a mid-market price

PRODUCT POSITIONING

- Ideal for state and local, K12, community colleges.
- Flow based architecture for greater performance
- Two variants, internal or external antennas for different applications
- AP3915e has extended temperature range for more demanding environments

AP3916i



DESCRIPTION

The first HD camera integrated into 802.11ac W2 AP: ideal for classrooms and smart buildings

PRODUCT POSITIONING

- Save time and money by eliminating separate cable and/or power runs for camera
- One product delivers secure Wi-Fi service and video surveillance for physical security

AP8533



DESCRIPTION

802.11ac Wave 2 with tri-radios for high-density and security

PRODUCT POSITIONING

- Specifically designed for high density applications, RF security and guest engagement
- Tri-radios, triple sensor technology
- Integrated Bluetooth and BLE for guest engagement

AP8432



DESCRIPTION

802.11ac Wave 2 for high-density, security, and Internet of Things (IoT)

PRODUCT POSITIONING

- Specifically designed for high density applications, RF security, guest engagement and IoT
- Integrated Bluetooth and BLE for guest engagement
- Enables Internet of Things with PoE pass-through

WiNG AP7632i/e



DESCRIPTION

High-performance at a mid-market price

PRODUCT POSITIONING

- Ideal for mid-market applications in retail, hospitality, manufacturing
- High performance access points with MU-MIMO technology to serve multiple clients simultaneously in dense user environments
- Two variants with internal and external antennas for different applications
- AP 7632e external also has extended temperature range for more demanding environments

WiNG AP7622



DESCRIPTION

Purpose-built for massive distributed branch solutions

PRODUCT POSITIONING

- Price and performance balance meets needs of massive SOHO or branch deployments.
- Configurable RF and performance flexibility to tune to specific needs
- Simple deployments, choice of standalone, simple autonomous networks or NOC/cloud solutions

AP245X



DESCRIPTION

Enterprise-grade 3x3, 802.11Acw2 access points for high-density environments

PRODUCT POSITIONING

- Dual radio access point with integrated Bluetooth
- External antennas
- TPM Security Chip
- Dual 1 GigE uplink port

AP250



DESCRIPTION

11ac wave2 3x3 dual software defined radio outdoor access point

PRODUCT POSITIONING

- Dual software defined radio access point, supports Dual 5
- Internal antennas
- TPM Security Chip
- Dual 1 GigE uplink port

AP3935i/e



AP3965i/e



AP3917i/e



DESCRIPTION

Enterprise-grade, ultra-high performance for demanding high-density deployments

PRODUCT POSITIONING

- Designed for high-density mission critical environments such as schools, indoor arenas hospitals, conference centers
- Feature rich 802.11ac Wave 2 technology delivering performance and security
- Support transparent power transition (POE Hot-swap). In case of power interruption on one port automatic transition with no reboot or state interruption

DESCRIPTION

High-performance industrial grade outdoor access points for high-density/harsh environments

PRODUCT POSITIONING

- Extends high performance Wi-Fi access outdoors. uses the same policy and single pane of glass management as the indoor APs
- Perfect for stadiums and other outdoor venues, such as warehouses, mines, and manufacturing plants
- 802.11ac Wave 2 technology supports high-density of users

DESCRIPTION

Outdoor AP engineered for the harshest environments; sub-zero temperature

PRODUCT POSITIONING

- Extends Wi-Fi access outdoors for campus applications
- Uses the same policy and single pane of glass management as the indoor APs
- Perfect for venues, such as K12 and higher ed campuses, hospitals, warehouses and manufacturing plants

AP3865e



WiNG AP7562



WiNG AP7662i/e



DESCRIPTION

Industrial grade outdoor access points designed to operate in harsh environments

PRODUCT POSITIONING

- Extends Wi-Fi beyond the building extending Wi-Fi access outdoors. uses the same policy and single pane of glass management as the indoor APs
- Perfect for stadiums and other outdoor venues, such as warehouses, mines, and manufacturing plants

DESCRIPTION

Rugged, industrial-grade for the most demanding applications

PRODUCT POSITIONING

- Engineered, inside and out for outdoor applications
- Specially designed outdoor IP67-RATED diecast aluminum enclosure
- Built to meet industrial applications with M12 version certified for subway and railroads
- Vehicle Mounted Modem option

DESCRIPTION

Designed for harsh environments; sub-zero temperature

PRODUCT POSITIONING

- Offered with internal and external antenna options
- Perfect for retail inventory, hospitality, transportation and logistics and warehouses
- Operates in harsh and extreme conditions of manufacturing plants, warehouse freezers, outdoor parks and sports fields, shipyards

WiNG AP7602



WiNG AP7612



AP150W



DESCRIPTION

Specifically designed for in-room hospitality applications

PRODUCT POSITIONING

- Singleband 2x2 or Dualband 1x1
- Purpose built wall plate access point with integrated BLE and Ethernet ports
- Slim and trim, the AP hides in plain sight for clean room aesthetics
- Quick install, less than 2 minutes with secured mounting

DESCRIPTION

Specifically designed for in-room hospitality applications

PRODUCT POSITIONING

- Dual Radio 2x2:2
- Purpose built 802.11acW2 wall plate access point with integrated BLE and Ethernet ports
- Slim and trim, the AP hides in plain sight for clean room aesthetics
- Quick install, less than 2 minutes with secured mounting

DESCRIPTION

Enterprise-grade, wallplate, 802.11Acw 2 3x3:3 access point and switch

PRODUCT POSITIONING

- Dual radio wall plate access point with integrated Bluetooth and 4 Ethernet ports
- Ideal for service areas such as residence halls, patient rooms, or conference rooms
- Fast deployments leveraging existing wall plate cabling
- PoE Pass-thru port to power additional device

WI-FI 5 APs (802.11AC WAVE 2 APs) – PLUGGABLE

AP30



DESCRIPTION

The first enterprise pluggable access point

PRODUCT POSITIONING

- Automated out-of-the-box provisioning
- Full-featured enterprise access point in new compact design
- Multiple operating modes for instant network access and sensor services
- Replace or augment traditional ceiling and wall-mounted access points

WiNG AP7532/AP7522



AP122 /AP122X



AP130



DESCRIPTION

High-performance, cost-effective 802.11ac Wave 1 technology

PRODUCT POSITIONING

- Mid-tier, high performance Wave 1 access points for cost sensitive applications
- Dual radio, supporting 2.4 GHz and 5 GHz and 802.11 a/b/g/n/ac devices

DESCRIPTION

Enterprise-grade 2x2, 802.11N/ac access points for medium-density environments

PRODUCT POSITIONING

- Dual radio access point with integrated Bluetooth
- Internal and External antenna option
- TPM Security Chip
- 1 GigE uplink port

DESCRIPTION

Enterprise-grade 2x2, 802.11N/ac access points for medium-density environments

PRODUCT POSITIONING

- Dual radio access point with integrated Bluetooth
- Internal and External antenna option
- TPM Security Chip
- 1 GigE uplink port

AP1130



DESCRIPTION

Enterprise-grade 2x2, 802.11N/ac outdoor access point

PRODUCT POSITIONING

- Dual software defined radio access point, supports Dual 5
- Internal antennas
- TPM Security Chip
- Dual 1 GigE uplink port

WIRELESS CONTROLLERS

V2110, C35, C5210, C5215
Physical and Virtual AppliancesNX5500, NX7500, NX9600,
VX9000 WiNG Controllers

ExtremeCloud Appliance



DESCRIPTION

Virtual or physical appliances provide role-based controls for Wi-Fi users, devices, and apps

PRODUCT POSITIONING

- Flexibility to simultaneously control all APs allow APs to run independent of appliance
- Supports centralized as well as geographically distributed APS
- Built in high availability, with sub-one second failover

DESCRIPTION

Virtual or physical appliances provide comprehensive cloud-ready wireless services from a single point of control for any size

PRODUCT POSITIONING

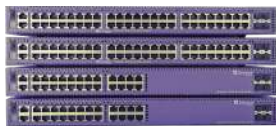
- Unprecedented scalability, for largest deployments or specific needs of the branch
- Hierarchical software allows uses of various size controllers, as well as controller-less branches to be managed

DESCRIPTION

Wired and wireless orchestration for campus, private cloud, and IoT

PRODUCT POSITIONING

- Purpose built with a unique model that scales to address the growth of mobility and IoT
- Unified management for on-premises
- Consistent customer-driven experience
- Artificial intelligence for RF management

X440-G2**X450-G2****X460-G2****DESCRIPTION**

Cost-effective edge and access switch

DESCRIPTION

Advanced edge and access switch

DESCRIPTION

Scalable edge/aggregation switch

PRODUCT POSITIONING

- 12, 24 and 48-port Gigabit ExtremeXOS stackable switches for wiring closet and edge applications
- Fabric Attach enabled PoE (30W) and non-PoE models with 1/10GbE uplink options
- Fixed power supplies and fans; external redundant power options
- Up to 8 units in a stack with up to 40GbE virtual bandwidth/heterogeneous stacking

PRODUCT POSITIONING

- 24 and 48-port Gigabit ExtremeXOS stackable switches for wiring closet and edge applications
- Fabric Attach enabled 30W PoE and non-PoE models and 1/10GbE uplink options
- Modular hot-swappable fans and power supplies
- Up to 8 units in a stack with up to 84GbE virtual bandwidth/heterogeneous stacking

PRODUCT POSITIONING

- 24 and 48-port Gigabit ExtremeXOS stackable switches for wiring closet, aggregation and edge applications
- Fabric Attach enabled PoE (30W) and non-PoE models with 1/10/40GbE modular uplink options
- 1Gb/2.5Gb multi-rate model supporting up to 16 multi-rate ports
- Up to 8 units in a stack with up to 160GbE virtual bandwidth/heterogeneous stacking

X465**X480****X590****DESCRIPTION**

Premium stackable edge and aggregation switch

DESCRIPTION

Stackable intelligent edge switch

DESCRIPTION

24-port 10GbE Aggregation Switch

PRODUCT POSITIONING

- 24 and 48-port ExtremeXOS stackable switches for next-gen edge and aggregation applications
- Fabric Attach enabled Gigabit/Multi-rate models with 30W/60W/90W PoE, MACsec and modular 10/25/40GbE uplink options
- Extreme Insight Architecture supporting up to 2 Guest VMs for customer-defined applications
- Extreme Edge Switching aggregation node supporting up to 48 x V300 edge devices

PRODUCT POSITIONING

- 24 and 48-port Gigabit ExtremeXOS stackable switches with 10/40GbE uplinks
- Up to 512K routing table size for high-capacity L3 routing
- Designed to meet NEBS requirements/optional DC power
- Up to 8 units in stack with up to 320 GbE of virtual bandwidth/heterogeneous stacking

PRODUCT POSITIONING

- Fixed-form ExtremeXOS stackable switches for aggregation and leaf deployments
- Available in copper and fiber model versions each with 24 x 10GbE ports and 2 x 100GbE uplinks
- Extended Edge Switching aggregation node supporting up to 48 x V400 edge devices
- Up to 8 units in a stack with up to 400GbE virtual bandwidth/heterogeneous stacking with X870 and X690

X620**X670-G2****X690****DESCRIPTION**

Compact 10GbE edge switch

DESCRIPTION

48- and 72-port 10GbE aggregation switch

DESCRIPTION

48-port 10GbE aggregation switch

PRODUCT POSITIONING

- 10 and 16-port 10GbE ExtremeXOS switches for high-performance workgroups and 10GbE edge applications
- Copper and fiber SFP+ 10GbE models for flexible deployment
- Multi-rate, PoE++ model with 1/2.5/5/10GbE and 30W/60W PoE ports
- Up to 8 units in a stack with up to 40GbE of virtual bandwidth/heterogeneous stacking with X440-G2, X450-G2, X460-G2, X670-G2 and X770

PRODUCT POSITIONING

- Fixed-form ExtremeXOS stackable switches for aggregation and top-of-rack deployments
- Two models with 48 x 10GbE and 72 x 10GbE fiber SFP+ ports, respectively
- Extended Edge Switching aggregation node supporting up to 48 x V400 edge devices
- Up to 8 unit stacking with up to 320GbE virtual bandwidth/heterogeneous stacking with X440-G2, X450-G2, X460-G2, X620 and X770

PRODUCT POSITIONING

- Fixed-form stackable ExtremeXOS switches for aggregation, leaf and top-of-rack deployments
- Available in copper and fiber models each with 48 x 10GbE ports and 4 x 100GbE uplinks
- Extended Edge Switching aggregation node supporting up to 48 x V400 edge devices
- Up to 8 unit stacking with up to 400GbE virtual bandwidth/heterogeneous stacking with X870 and X590

X770



DESCRIPTION

40/10GbE core/aggregation Switch

PRODUCT POSITIONING

- Fixed-form stackable ExtremeXOS switch for spine, leaf and top-of-rack deployments
- 32 x 40GbE ports with ability to channelize up to 104 x 10GbE ports
- 2.56 Terabits of switching bandwidth in a 1RU form factor
- Up to 8 unit stacking with up to 160GbE bandwidth/heterogeneous stacking with X440-G2, X450-G2, X460-G2, X620 and X670-G2

X870



DESCRIPTION

100/40GbE core/aggregation switch

PRODUCT POSITIONING

- Fixed-form 100/50/40/25/10 Gb ExtremeXOS switches for spine, leaf and top-of-rack deployments
- 32 x 100Gb/40Gb ports with ability to channelize up to 128 x 25GbE/10GbE ports or 64 x 50GbE ports
- 6.4 Terabits of switching bandwidth in a 1RU form factor
- Up to 8 units in a stack with 400GbE bandwidth/heterogeneous stacking with X690/X590

EXTREME EXTENDED EDGE SWITCHES

V300 Series



DESCRIPTION

Simplified edge switch centrally powered by ExtremeXOS

PRODUCT POSITIONING

- 8-port Gigabit PoE switch that seamlessly runs services on a central ExtremeXOS switch
- Edge component of Extreme's Extended Edge Switching solution
- Connects to X465 aggregation switch not only for centralized management and services, but also for PoE power draw - eliminating need for a separate PSU
- Plug and play set-up, single point of control reduces complexity and operational cost

V400 Series



DESCRIPTION

Simplified edge switch centrally powered by ExtremeXOS

PRODUCT POSITIONING

- 24 and 48-port Gigabit switches that seamlessly run services on a central ExtremeXOS switch
- 30W PoE and non-PoE models with 10GbE uplinks comprising the edge component of Extreme's Extended Edge Switching solution
- Connects to X690, X670-G2, X590 or X465 aggregation switch for centralized management and services
- Plug and play set-up, single point of control reduces complexity and operational cost

ERS 3000



ERS 4900



ERS 5900



DESCRIPTION

1/10 GbE wiring closet stackable switches for small to mid-sized businesses

PRODUCT POSITIONING

- Fabric Attach enabled stackable wiring closet switches
- 10/24/48-port models supporting GbE copper ports with optional PoE and PoE+ support and 2 ports of 1/10 GbE for uplink connectivity
- Optional fan-free 10-port model for silent operation
- Up to 8 units in a stack delivering over 80 Gbps of virtual backplane connectivity

DESCRIPTION

1/10 GbE wiring closet stackable switches with optional PoE+ support

PRODUCT POSITIONING

- Fabric Connect enabled stackable wiring closet switches
- 26 and 50 port models supporting 24/48 GbE copper ports with 2 ports of 10 GbE SFP+ for uplink connectivity
- Optional PoE and PoE+ support
- Up to 8 units in a stack delivering over 400 Gbps of virtual backplane connectivity

DESCRIPTION

Multi-rate wiring closet stackable switches with optional PoE++ support

PRODUCT POSITIONING

- Fabric Connect enabled stackable wiring closet switches
- 24, 48 and 96 port GbE models supporting 1/2.5/10 GbE connectivity
- Optional PoE, PoE+ and PoE++ (60w) support
- Up to 8 units in a stack delivering over a Terabit of virtual backplane connectivity

ExtremeAccess Platform



VSP 4900



VSP 4000



DESCRIPTION

Compact WAN access devices for distributed networks

PRODUCT POSITIONING

- Fabric Connect-enabled devices that enable secure fabric service extension to branch offices over MPLS WANs or Internet connections
- Enables security and micro-segmentation end to end from central site to branch offices.
- Offers native support for Fabric Extend or supports IPSec encryption for WAN extension
- Two models with 6 ports of 1 GbE copper ports, along with 2 ports of 1/10 GbE SFP+ ports.

DESCRIPTION

Compact fixed form aggregation, metro edge or wan access switches

PRODUCT POSITIONING

- Fabric Connect enabled switches for campus aggregation, metro edge and WAN access deployments
- Fixed-form variants with native support for Fabric Extend and MACsec link encryption in a 1RU form factor
- Initial model with 48 GbE PoE ports and flexible 10/25/40GbE modular uplinks; more models to follow

DESCRIPTION

Compact modular aggregation, metro edge or wan access switches

PRODUCT POSITIONING

- Fabric Connect enabled switches for metro, edge and WAN access deployments
- Modular variants that support flexible port speeds including 1/10/25/40 GbE in a compact 1RU form factor

VSP 7200



VSP 7400



VSP 8200



DESCRIPTION

Compact fixed form 10/40 gigabit core/aggregation switches

PRODUCT POSITIONING

- Fabric Connect enabled switch for campus core/aggregation, spine-leaf, or top-of-rack deployments
- Five model variants that support flexible port speeds including 1/10/40 GbE in a compact 1RU form factors
- Scalable to 48 ports of 10GbE connectivity and 6 ports of 40 GbE

DESCRIPTION

Compact fixed form 25/100 gigabit core/aggregation switches

PRODUCT POSITIONING

- Fabric Connect enabled switch for campus core/aggregation, spine-leaf, or top-of-rack deployments
- Extreme Insight Architecture and Guest VM with direct 10 GbE data path
- VSP 7400-32C: core or spine switch with 32x100GbE QSFP ports that can be optionally channelized to 10/25/40 GbE
- VSP 7400-48Y-8C: aggregation or leaf switch with 48 ports of 25GbE SFP 28 ports and 8 ports or 100Gb QSFP28 uplink ports that can be optionally channelized to 1/10 and 25 GbE

DESCRIPTION

Compact fixed form 10/40 gigabit aggregation switch

PRODUCT POSITIONING

- Fabric Connect enabled switch for campus core, spine-leaf, or top-of-rack deployments
- 2.56 Terabits of switching capacity in a 2RU form factor
- Support for up to 80 ports of 10 GbE and 4 ports of 40 GbE

VSP 8400



VSP 8600



DESCRIPTION

Compact modular 10/40/100 gigabit aggregation switch

PRODUCT POSITIONING

- Fabric Connect enabled switch for campus core, spine-leaf, or top-of-rack deployments
- Support for 1/10/25/40/100 GbE through a range of I/O modules
- 2.56 Terabits of switching capacity in a 2RU form factor
- Scales to 96 ports of 10 GbE, up to 24 ports of 40 GbE, or up to 8 ports of 100 GbE

DESCRIPTION

High-density chassis-based modular ethernet switch

PRODUCT POSITIONING

- Fabric Connect enabled campus core/aggregation switch or end or middle of row data center switch.
- Support for 1/10/25/40/100 GbE through a range of I/O modules
- Over 21 Terabits of switching capacity in a 7RU chassis design
- Scales to 192 ports of 10 GbE, 128 ports of 40 GbE or 48 ports of 100 GbE interfaces

EXTREME SWITCHES FOR SMALL BUSINESS AND INDUSTRIAL DEPLOYMENTS

200 Series



SR2200 and SR2300 Series



ISW Series Industrial Switches



DESCRIPTION

Economical Gigabit Access Switch for Enterprise and SMB

PRODUCT POSITIONING

- 12, 24 and 48-port Gigabit access switches ideal for small to medium businesses or distributed enterprises
- 30W PoE and non-PoE models with 1 and 10GbE uplink options
- Flexible management via cloud, web GUI or industry-standard CLI
- Up to 4 units in a stack with comprehensive Layer 2 features along with static & dynamic routing

DESCRIPTION

Enterprise Cloud-managed access switches

PRODUCT POSITIONING

- Deliver fast, reliable, and secure unified wired and wireless connectivity
- Provide energy-efficient gigabit Layer 3-Lite capabilities with flexible PoE, as well as wealth of port density options
- Provide zero-touch provisioning, cloud switch stacking, unified policies, and a powerful QoS engine

DESCRIPTION

Hardened switch for industrial deployments

PRODUCT POSITIONING

- 4 and 8-port Gigabit PoE switches designed for industrial environments
- Ruggedized enclosure with extended temperature (-40°C - 75°C) support, DIN Rail and wall mounting, and Dual DC power input
- Support for redundant ring topology for fault-tolerant high-availability networking

SLX 9030



SLX 9140



SLX 9240



DESCRIPTION

Compact fixed form leaf switches

DESCRIPTION

Compact fixed form leaf switch

DESCRIPTION

Compact fixed form spine switch

PRODUCT POSITIONING

- Data Center Fabric enabled switch for enterprise and service provider, spine-leaf, or top-of-rack deployments
- Copper ports support 10GbE, 1GbE and 100 Mbit/s and fiber support for 10GbE and 1GbE
- 1.76 Terabits (880 Gigabits in and 880 Gigabits out) of switching capacity in a 1 RU form factor
- Full featured SLX operating system with advances features, supporting switching, IP Fabrics, BGP-EVPN and VXLAN

PRODUCT POSITIONING

- Data Center Fabric enabled switch for enterprise and service provider, spine-leaf, or top-of-rack deployments
- Supports 1/10/25/40/100 GbE connectivity that supports 24MB of shared packet buffer
- 3.6 Terabits (1.8 Tbps in and 1.8 Tbps out) of switching capacity in a 1 RU form factor
- Extreme Insight Architecture and Guest VM with direct 10 GbE data path

PRODUCT POSITIONING

- Fixed 10/40/100 GbE that supports 24MB of shared packet buffer
- Ability to split 32 x 100/40GbE to 128 x 25/10 GbE with a break out cable
- 6.4 Tbps (3.2 Tbps in and 3.2 Tbps out) of switching capacity in a 1 RU form factor
- Guest VM

SLX 9150



SLX 9250



VDX 6740



DESCRIPTION

Compact fixed form leaf switch

DESCRIPTION

Compact fixed form spine switch

DESCRIPTION

Compact fixed form leaf switch

PRODUCT POSITIONING

- Purpose-built high density 1/10/25/40/100GbE switches with 32MB of packet buffer
- Integrated Extreme Fabric Automation
- SLX-OS supports full IPv4/v6 switching, OSPF, BGP and BGP-EVPN VXLAN overlay
- Guest VM with Extreme Insight Architecture with direct 10 GbE data path

PRODUCT POSITIONING

- Purpose-built 32 x 100/40GbE switch with 32MB of packet buffer
- SLX-OS supports full IPv4/v6 switching, OSPF, BGP and BGP-EVPN VXLAN overlay
- Integrated Extreme Fabric Automation
- Guest VM with Extreme Insight Architecture with direct 10 GbE data path

PRODUCT POSITIONING

- Simplified Fabric with Virtual Cluster Switching (VCS)
- Multiple 1/10/40 GbE configurations for deployment flexibility
- Delivers line-rate throughput for all ports and packet sizes
- Integration with VMware vCenter and NSX

VDX 6940



VDX 8770



DESCRIPTION

Compact fixed form leaf and spine switches

DESCRIPTION

High-density chassis-based modular ethernet switch

PRODUCT POSITIONING

- Simplified Fabric with Virtual Cluster Switching (VCS)
- Multiple 1/10/40/100 GbE 1 RU and 2RU configurations for deployment flexibility
- Delivers line-rate throughput for all ports and packet sizes
- Integration with VMware vCenter and NSX

PRODUCT POSITIONING

- Simplified Fabric with Virtual Cluster Switching (VCS)
- Delivers 1/10/40/100 GbE options for flexibility and scale
- 1.2 Tbps (600Gbps in and 600 Gbps out) per slot line-rate design for substantial capacity and headroom
- Delivers line-rate throughput for all ports and packet sizes

SLX 9640



SLX 9540



SLX 9850



DESCRIPTION

High performance compact fixed form router for WAN edge and border routing

PRODUCT POSITIONING

- SLX-OS supports full IPv4/v6 switching, MPLS, VPLS, VLL, OSPF, BGP and BGP-EVPN VXLAN overlay
- Ideal for Internet peering applications or as a data center or enterprise border router with up to 5.7M IPv4 and 1.4M IPv6 (with Optiscale routing)
- Guest VM with Extreme Insight Architecture with direct 10 GbE data path
- 900 Gigabits of switching capacity in a 1 RU form factor

DESCRIPTION

Compact fixed form WAN edge router for WAN edge and border routing

PRODUCT POSITIONING

- Multiple 1/10/40/100 GbE configurations for deployment flexibility as a router or as a switch
- Ultra-deep buffers for lossless forwarding in demanding data center and WAN applications
- Advanced forwarding — including IPv4, IPv6, MPLS/ VPLS, BGP-EVPN, and OpenFlow
- Guest VM with Extreme Insight Architecture with direct 10 GbE data path

DESCRIPTION

High-density chassis-based modular data center spine, super spine and WAN edge router

PRODUCT POSITIONING

- Industry's most powerful IPv4, IPv6, MPLS/Multi-VRF and BGP-EVPN data center router
- Innovative 1.5 RU interface module design maximizes port density and scale across multiple generations of forwarding silicon for best in class investment protection
- Up to 230 Tbps non-blocking system switching capacity
- Guest VM with Extreme Insight Architecture with direct 10 GbE data path

MLXe



DESCRIPTION

High-density chassis-based modular multiservice wan edge router and network packet broker

PRODUCT POSITIONING

- Scalable, multiservice IP/MPLS Routers in 4, 8, 16 and 32-slot chassis options
- Fully distributed, non-blocking 15.36 Tbps data capacity
- Up to 64 100 GbE, 768 10 GbE, and 1,536 1GbE ports in a single router
- Wire speed forwarding performance for all software features, incl. Ethernet, VLAN, IPv4, IPv6, MPLS, VPLS, IPSec, MACsec, and OpenFlow forwarding

BRANCH ROUTING/SD-WAN

CER



SD-WAN XR200P Branch Router



SD-WAN XR600P Branch Router



DESCRIPTION

Compact fixed form multi-service carrier ethernet router

PRODUCT POSITIONING

- Compact 1U, IP/MPLS, NEBS Level 3-certified router, built for high-performance edge routing applications
- IPv4 routing: RIP, OSPF, IS-IS, and BGP
- IPv6 routing: RIPng, OSPFv3, IS-IS for IPv6, and BGP-MP for IPv6
- MPLS-based Layer 2 (VLL and VPLS) and Layer 3 (BGP VPNs) VPNs

DESCRIPTION

Cloud-managed small-to-mid enterprise SD-WAN router

PRODUCT POSITIONING

- Gigabit PoE+ ethernet for branches and remote sites with demanding throughput requirements
- Helps reduce operational costs and increase performance, provides contextualized security and performance optimization, and supports cloud-managed assurance, intelligence, and simplicity

DESCRIPTION

Cloud-managed mid-enterprise SD-WAN router

PRODUCT POSITIONING

- Gigabit PoE+ ethernet for branches with demanding throughput requirements
- Helps reduce operational costs and increase performance, provides contextualized security and performance optimization, and supports cloud-managed assurance, intelligence, and simplicity