ARUBA PRODUCTS AND SOLUTIONS BROCHURE

FROM ENTERPRISE TO SMB BUSINESS NETWORKING

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ACCESS POINTS

Aruba Wi-Fi 6 and Wi-Fi 5 access points (APs) provide enterprise-class connectivity for optimized user and IoT experiences. As corporate applications move to the cloud, a mobile first approach delivers simple, fast, and secure access whether indoors or out.

INDOOR ACCESS POINTS

ARUBA 550 SERIES

- High performance Wi-Fi 6 access points with dual radios for high density deployments
- Support multi-user OFDMA, MU-MIMO, and all Wi-Fi 6 certification features
- State of the art access security via WPA3 and Enhanced Open Wi-Fi standards
- Maximum data rate of 6Gbps aggregate (HE80/HE40) and up to 1024 clients per radio
- Provides connectivity for IoT devices using radios that support Wi-Fi, Bluetooth 5 and Zigbee protocols
- Aruba Air Slice offers extended application assurance for latency-sensitive applications
- Aruba Intelligent Power Monitoring (IPM) allows the AP to operate in switching environments with limited PoE budgets
- Supports all Aruba WLAN software capabilities including AI-powered RF optimization

AP-555 includes 8 integrated omnidirectional internal antennas.

ARUBA 530 SERIES

- High performance Wi-Fi 6 access points with dual radios for high density deployments
- Support multi-user OFDMA, MU-MIMO, and all Wi-Fi 6 certification features
- State of the art access security with WPA3 and Enhanced Open Wi-Fi standards
- Maximum data rate of 3.55Gbps aggregate (HE80/HE40) and up to 1024 clients per radio
- Provides connectivity for IoT devices using radios that support Wi-Fi, Bluetooth 5 and Zigbee protocols
- Aruba Air Slice offers extended application assurance for latency-sensitive applications
- Aruba Intelligent Power Monitoring (IPM) allows the AP to operate in switching environments with limited PoE budgets
- Supports all Aruba WLAN software capabilities including AI-powered RF optimization

AP-535 includes integrated omnidirectional internal antennas.

AP-534 includes 4 RP-SMA type connectors for external antennas.

ARUBA 510 SERIES

- High performance Dual Radio 802.11ax AP with OFDMA** and Multi-User MIMO (MU-MIMO)**
- Supports all mandatory and several optional 802.11ax features*
- Maximum data rates of 4.8Gbps in the 5GHz band and 575Mbps in the 2.4GHz band (for an aggregate peak data rate of 5.4Gbps)
- Mid-range 802.11ax 510 series APs ideal for high density environments, such as schools, retail branches, hotels and enterprise offices
- Cost-effective and easy to manage universal IoT connectivity that includes Bluetooth 5 and Zigbee* radios for location and IOT use-cases
- Aruba Intelligent Power Monitoring (IPM) allows the APs to operate even if there is not enough PoE power
- Ideal for environments such as higher education, retail, healthcare and growing enterprise environments
- State of the art security with WPA3 and Enhanced open

AP-515 supports 4 downtilt internal antennas.

AP-514 supports 4 RP-SMA type external antennas.

ARUBA 500 SERIES

- High performance Wi-Fi 6 access point with dual radios for medium density deployments.
- Supports OFDMA, MU-MIMO, and all Wi-Fi 6 certification features
- State of the art security with WPA3 and Enhanced Open Wi-Fi standards.
- Maximum data rate of 1.77Gbps aggregate; 1.2Gbps (5GHz) and 574Mbps (2.4GHz), and up to 256 clients per radio.
- Compact form-factor that is cost-effective and easy to manage
- Provides connectivity for IoT devices using radios that support Wi-Fi, Bluetooth 5 and Zigbee protocols.
- Aruba Air Slice provides extended application assurance for latency-sensitive applications.
- Aruba Intelligent Power Monitoring (IPM) allows the AP to operate in environments with limited PoE power supply.
- Supports all Aruba software capabilities as of ArubaOS 8.6.

AP-505 includes integrated omnidirectional internal antennas.

AP-504 includes 2 RP-SMA type connectors for external antennas.

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*Feature not initially supported; it will be enabled in a future software release
**Support added in the 8.5.0.0 software release

BRIDGES

ARUBA 501 WIRELESS CLIENT BRIDGE
- Link up to 15 Ethernet devices or an RS232 serial device to a wireless network at Gigabit speeds
- One dual-band three spatial-stream MIMO radio running up to 1.3 Gbps
- Support for IEEE 802.11b/g/n and 802.11a/n/ac WLAN networks
- Supports 3x3:3SS

SWITCHES

From small to large organizations, Aruba's comprehensive switching portfolio includes solutions that are ideal for access, aggregation, core, and the data center. The power of the Aruba CX switching portfolio provides nest-gen software and a choice of fixed ports or modular chassis with non-blocking speeds from 1GbE to 100GbE. This gives you the flexibility to start with a needed port count and scale to full-density switches as you grow – all with the built-in automation and analytics that your business and IT team requires. Features include high resiliency redundant management, fabric, power, and fans and industry-standard high power PoE and HPE Smart Rate multi-gigabit ports.

No extra software licensing or subscriptions required. Aruba also offers industry-leading warranty and global support services.

ARUBA CX 8400 SWITCH SERIES
High density modular Layer 3 campus core chassis with a modern, fully programmable AOS-CX and 19.2 Tbps of switching capacity and carrier grade hardware.

- High performance 19.2 terabits per second switching (1.2Tbps/slot) capacity
- Carrier-class high availability with Aruba Virtual Switching Extension (VSX), redundant management, power, and fabric
- AOS-CX automation and programmability using built-in REST APIs and Python scripts
- Intelligent monitoring, visibility and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Advanced Layer 2/3 feature set includes BGP, EVPN, OSPF, VRF, and IPv6
- Compact 8U chassis with high density, line rate 10GbE/25GbE/40GbE/100GbE connectivity

ARUBA CX 8325 SWITCH SERIES
Modern, flexible and intelligent family of stackable switches designed for high scalability in aggregation, core, top of rack (ToR) and end of rack (EoR) deployments. Compact 1U switches provide wire speed 10/25/40/100 GbE connectivity with options for front-to-back or back-to-front cooling.

- High performance 6.4Tbps with 2,000 Mpps
- High availability with industry-leading VSX redundancy, and redundant power supplies and fans
- AOS-CX automation and programmability using built-in REST APIs and Python scripts
- Advanced Layer 2/3 feature set includes BGP, OSPF, VRF-Lite, and IPv6
- Dynamic VXLAN with BGP-EVPN for deep segmentation in data center and campus networks
- Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Compact 1U switch with 1/10/25GbE and 40/100GbE connectivity

ARUBA CX 8320 SWITCH SERIES

High performance Layer 3 campus core and aggregation switch with a modern, fully programmable AOS-CX and 2.5 Tbps of switching capacity. The 8320 also serves as a top of rack (ToR) switch for data centers needing 10GbE connectivity to servers and 40GbE to the spine.

- High performance 2.5Tbps with 1,905MPPS
- High availability with Aruba Virtual Switching Extension (VSX), and redundant, hot-swappable power supplies and fans
- AOS-CX automation and programmability using built-in REST APIs and Python scripts
- Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Advanced Layer 2/3 feature set includes BGP, OSPF, VRF, and IPv6
- Compact 1U switches with 1/10GbE (SFP/SFP+ and 10GBASE-T) and 40GbE connectivity

ARUBA CX 6400 SWITCH SERIES

Modern, flexible and intelligent family of high availability modular switches ideal for use from access to core and into the data center. Versatile 5 and 10 slot chassis support speeds of up to 100GbE, high power PoE, multi-gigabit Ethernet, and redundant management, power and fans for a highly available network.

- Powerful modular Layer 3 switches with BGP, EVPN, VXLAN, VRF, and OSPF with robust security and QoS
- High performance switching with up to 28 Tbps with 20 Bpps
- High availability with industry-leading VSX redundancy and redundant power supplies and fans
- Full density HPE Smart Rate (1/2.5/5GbE) multi-gigabit, 60W PoE and SFP+ modules
- High speed, non-blocking 1GbE, 10GbE, 25GbE, 40GbE, 50GbE and 100GbE
- Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Aruba Dynamic Segmentation enables secure and simple access for users and IoT devices

ARUBA CX 6300 SWITCH SERIES

Modern, flexible and intelligent family of stackable switches ideal for enterprise access, aggregation and core deployments. This series has built-in high speed uplinks and include models with 24 SFP+ ports and full density 60W PoE with multi-gigabit Ethernet for a high performance network.

- Stackable Layer 3 switches with BGP, EVPN, VXLAN, VRF, and OSPF with robust security and QoS
- High performance 880 Gbps system switching capacity, 660 MPPS of system throughput and up to 200 Gbps stacking bandwidth
- Compact 1U switches with full density HPE Smart Rate (1/2.5/5GbE) multi-gigabit, 60W PoE and SFP+ models
- Built-in high speed 10GbE/25GbE/50GbE uplinks
- Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Aruba Dynamic Segmentation enables secure and simple access for users and IoT

OPERATIONS AND MANAGEMENT

ARUBA USER EXPERIENCE INSIGHT: CLOUD SERVICE

User Experience Insight (formerly Cape) uses analytics from a user's perspective to proactively identify mission critical application and network service issues - before they impact users or the business. An on-prem sensor connects to multivendor APs, performs configured tests and highlights issues that can be viewed via a simple to use web dashboard. Supports internal and external tests to measure app and server responsiveness over Wi-Fi, wired and WAN.

Sensors are purchased via perpetual SKU

Available 1, 3, or 5-year software subscription for each sensor is required.

ARUBA AIRWAVE: ON-PREMISES

A multivendor network operations system for enterprise-grade wired and wireless infrastructure management and monitoring. Includes granular app, RF, and connectivity analytics with insight that allows for streamlined and centrally managed troubleshooting and controls.

Available in hardware or virtual appliances; licensed per managed network device.
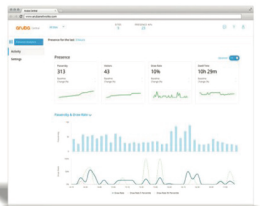
ARUBA CENTRAL: CLOUD

An intuitive, secure, and cost-effective multi-site management-as-a-service, for Aruba Instant access points, ArubaOS switches and SD-Branch Gateways. Includes app visibility and administration, as well as options for centrally managed guest access, presence and connectivity analytics.

Available per 1, 3, or 5 year subscriptions; licensed per managed network device.

ENTERPRISE SECURITY SOLUTIONS

ARUBA 360 SECURE FABRIC

The Aruba 360 Secure Fabric provides organizations with an integrated security framework for networking and security teams to gain visibility and control of the network, and the devices and users that connect to them. It is the only solution that combines a complete campus, branch and cloud-connected network infrastructure with built-in security, advanced threat detection and response, and secure network access control to protect millions of users and devices and secure vast amounts of distributed data.

aruba

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