

HPE Aruba Networking Solutions: An Introduction

ARCHITECT YOUR NETWORK FOR THE FUTURE

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Founded: 2002, IPO: 2007
Part of HPE since May 2015

\$3B+ annual revenue run rate "Biggest Small Company"

Proven over 21 Years

OF UDO

a Hewlett Packard Enterprise company High margin business model

"Customer First, Customer Last"

Home of 100K+ Mobility Engineers

@ Airheads Community

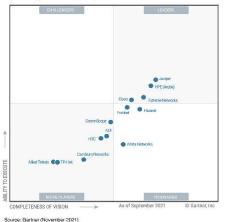


Analyst Validation Supports a Powerful Leadership Narrative

Gartner

Magic Quadrant

Figure 1. Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure



16th consecutive year as a Leader

Gartner

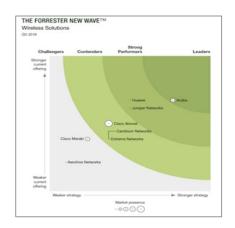
Critical Capabilities



Leading 3 of 5
Use Cases

FORRESTER®

New Wave



The only vendor in the Leaders Quadrant



MarketScape



One of only two Leaders

HPE Aruba Networking Solutions At a Glance

<u>Wireless</u> Indoor / Outdoor Specialty



Aruba Central
Cloud Edge Services Platform



Wired Edge to Data Center



Instant On
SOHO / SMB
Wired & Wireless



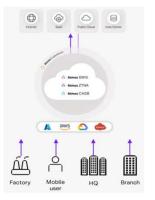
Gateways
Local & Remote
Branch & Teleworker



SD-WAN & Remote
Branch & VPN



SASE Cloud
Security



ClearPass Network
Access Control



Experience Management



2024-01-xx

HPE Aruba Networking Access Points



WiFi 6/6E (802.11ax) with flexible architecture & deployment methodologies

AP 5xx Indoor Wi-Fi 6



503

Entry Level Mid Density



500 Series



510 Series



530 Series

High Density Very High Density Extreme Density



550 Series



500H/R Series

Hospitality/Remote



518 Series High Density

Ruggedized

aruba

560/560EX Mid-High Density

Outdoor/HazLoc

6xx Outdoor Wi-Fi 6E 6 Ghz

5xx Outdoor & Specialty Wi-Fi 6

570/570EX

580/580EX **Extreme Density** Outdoor/HazLoc

AP 6xx Indoor Wi-Fi 6E - 6 Ghz



Mid Density **Dual Radio**



630 Series

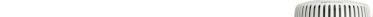
Tri Radio



650 Series

Tri Radio





- Controller or controller-less "Instant" topologies
- Internal or external, omni or directional antennas
- Cabling & power options
- IoT support with Zigbee, Bluetooth Low Energy
- Dynamic segmentation & secure guest access
- · All part of Aruba ESP with Aruba Central



670/670EX Outdoor/Pt-to-Pt HazLoc



A Better Wireless Experience

ClientMatch & ARM (Adaptive Radio Management)

Predictable network-wide Wi-Fi performance

Intelligently steers devices to the best AP. Reduces "Sticky" Client issues.







Air Match

Automated real-time RF management

Real-time channel & power assignment to support changing device density and enhanced roaming.







ANYWHERE

Intelligent Traffic Control with AppRF

Bandwidth can be allocated by app type

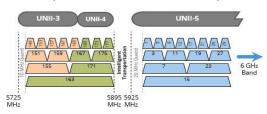
Allows configuration of application and application category policies within a given user role.



UTB (Ultra-Tri-Band) Filtering

Dynamic filtering between channels

Enables additional channels when tri-band is in use (2.4GHz + 5GHz + 6GHz)



HPE Aruba Networking WLAN Gateways

Flexible Architecture & Deployment Methodologies





Instant AP Cluster

No gateway
Cluster 128 APs
GUI interface
Virtual controller auto-election







WLAN Gateway On-Prem Managed APs

Roaming enhancements
Dynamic segmentation
Wired & Wireless Policy
Layer 3 Roaming / Multi-Zone
SD-WAN
Remote APs & VPN
Radius proxy







Small Branch
Gateways
WLAN | LAN | IDS-IPS



Large Campus Gateways WLAN | NGFW | SD-WAN



Mobility Conductor vMobility Member vGateway



Aruba Central

Central manages and acts as the controller



Auto clustering
Scalability and reliability
Simple management and
configuration
Centralized licensing
Flexible deployment
Built-In security



HPE Aruba Networking CX Switching

AOS-CX Single Architecture, Single Solution Edge to Core to Data Center

End-to-end **single operating system** from access to core to data center

No complex licensing; all typical features enabled out-of-the-box

Aruba **Network Analytic Engine** provides 24/7 analytics

Unified wired & wireless **Dynamic Segmentation** for a secure environment

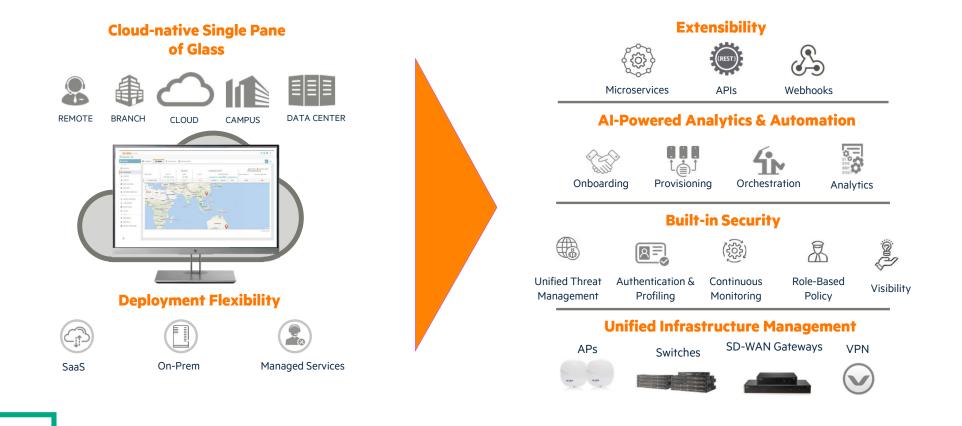
Aruba CX full programmability provides limitless integration opportunities

..and a limited lifetime warranty



HPE Aruba Networking Central

Break down siloes with unified management and AI-powered operations



HPE Aruba Networking UXI – User Experience Insight

Purpose-Built Sensors and Cloud-Based Analytics & Dashboard



Onboards like a user to any network

- Wireless or wired
- LTE optional
- Install near users
- Logs in and tests applications and services like a user
- No cable run required

Constantly tests your environment

- Are services & applications working?
- Triage & troubleshoot with baseline historical data

Simple and powerful cloud portal UI

- Real-time proactive alerts
- Trend and baseline
- Root cause analytics
- Integration to your NOC

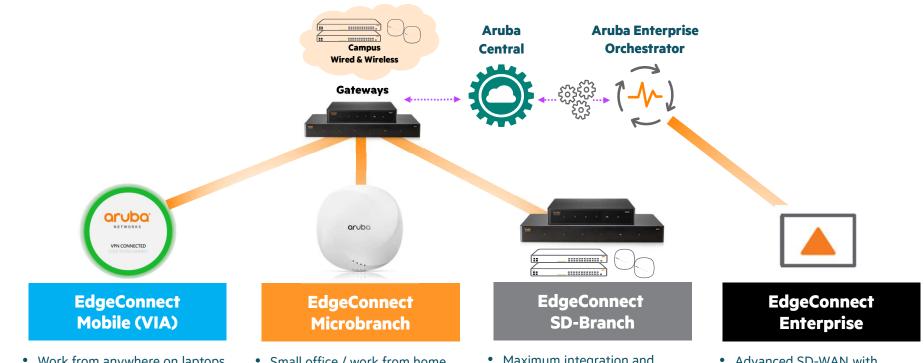
HPE Aruba Networking ClearPass Network Access Control

End-to-End Visibility, Control, and Automation



HPE Aruba Networking EdgeConnect

Remote Worker to Branch to Enterprise Solutions Integrated to Aruba Framework

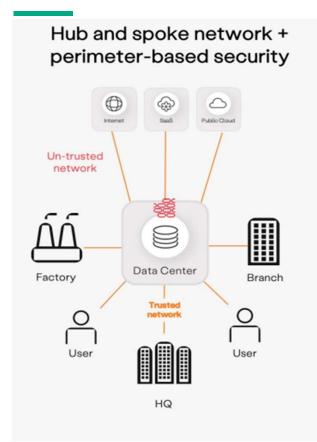


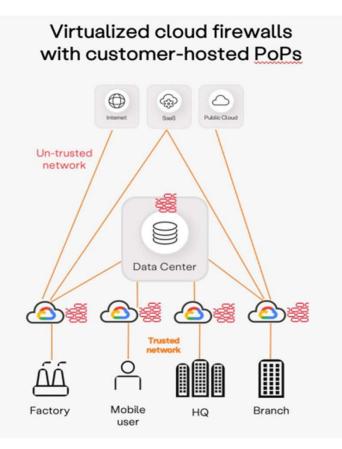
- Work from anywhere on laptops, phones or tablets
- Client software for remote access to the corporate network
- Small office / work from home "branch of one"
- SD-WAN features including cloud-delivered security
- Maximum integration and management of Wi-Fi, Wired, Security, & SD-WAN
- Optional Onboard LTE

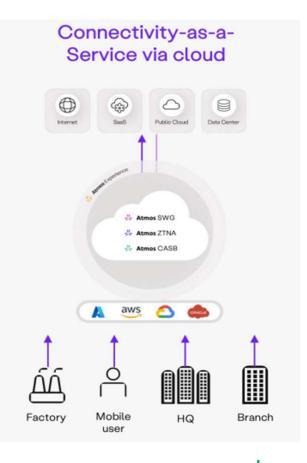
- Advanced SD-WAN with Business Intent Overlays
- Max network and app performance

A New Model: SSE – Secure Service Edge

HPE Integration of Axis

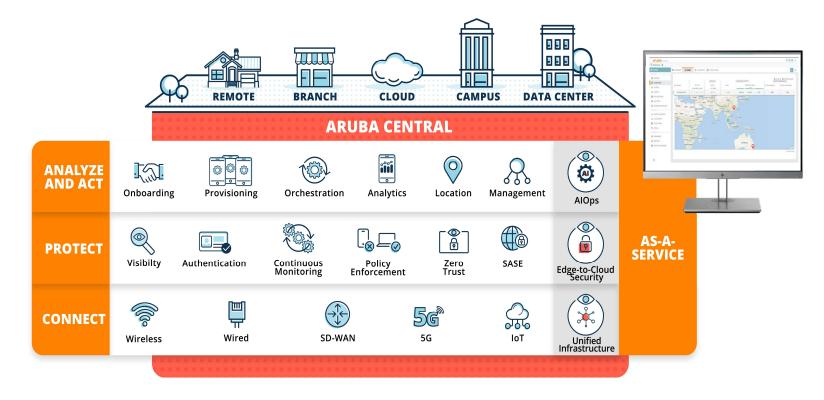






HPE Aruba Networking ESP – Edge Services Platform

Redefining the Edge Networking Stack



One Platform from Edge to Core Driven By Aruba Central

HPE Aruba Networking Instant On

Small Business Solution with No Licensing or Subscription Costs

WiFi 6E 6 Ghz Indoor





AP32 (2x2:2)



AP21

(2x2:2)





AP25

(4x4:4)





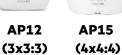
Wi-Fi 5 Indoor / Outdoor / Desktop





AP22

(2x2:2)





AP11D Desk/Wall (2x2:2)



AP17 Outdoor (2x2:2)

Instant On Portal & Mobile App



Simple Built-in security Extraordinary performance No hidden fees **Trusted vendor**

Switching



Instant On 1960

- Stackable to 4 units
- PoE Class 6 to 60W (802.3bt)
- SmartRate 2.5G

Instant On 1930

• More L2 + static routing features

Instant On 1830

- L2 + static routing
- PoE+ 30W (802.3at)
- · Fully managed

Instant On 1430

· SoHo, Unmanaged

2024-02-06

AP11

(2x2:2)

Straightforward to Sophisticated

Easy to Start Today... ... Advanced Solutions for Tomorrow

- The leader of wireless technology and standards
- Better software for better customer experience
- Easy to own: Simple & economical licensing



Single architecture top to bottom AOS, CX, Central



Superior AI from industry's deepest experience pool



Advanced solutions as your opportunities grow

Please Add Latest Promo Slides After This Slide

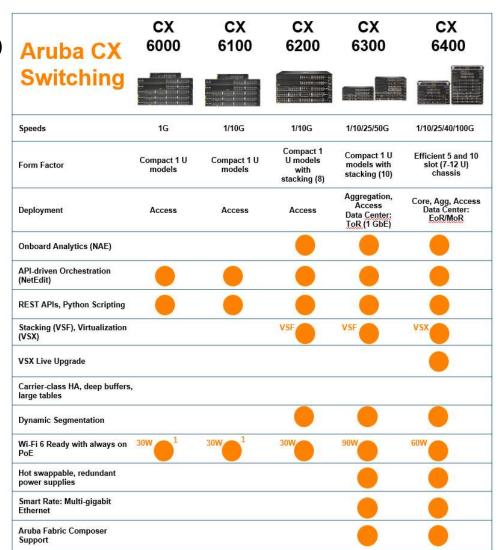
Placeholder...

Good Deals

 Good Deals

HPE Aruba CX 6x000

Comparison



CX 6200 supports SmartRate to 5G CX 6300 supports SmartRate to 10G

Footnotes: 1) The 6000/6100 does not support "Always on PoE"

Thank you

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