Aruba Instant On 1960 Switch Series



What's new

- Simplify network management by stacking up to (four) 4 Aruba Instant On 1960 switches and managing them through one single IP address. Stacking supported via local and cloud-managed stacking modes.
- Smart-managed layer 2+ Ethernet switch series ready to deploy in 24- and 48-port for non-PoE and PoE (supports Class 4 and Class 6 PoE) models.
- The Aruba 1960 aggregation switch comes with twelve (12) 10GBase-T and four (4) SFP+ ports, providing 10G connectivity to servers, network

Overview

Aruba Instant On 1960 Switches are advanced, smart-managed, fixed configuration Gigabit stackable switches designed for small and growing businesses that are easy to deploy and affordable. These switches are designed to scale as business grows, making adding more employees, devices and applications simple. Aruba Instant On 1960 switches are made to handle today's bandwidth-heavy applications like voice and video conferencing, enabling consistent connectivity to improve user experience and application performance. These switches come with flexible management option: local web GUI or Instant On mobile app and cloud-based web portal.

storage devices and access switches alike.
- For environments with heavy bandwidth needs, 10GBase-T and SFP+ uplink ports deliver lightning-fast network speeds and nearly eliminates traffic bottlenecks.
- Aruba Instant On mobile app and/or cloud-based web portal for easy network management onsite or remotely.
- Limited Lifetime Warranty.

Features

High-level Gigabit with 10GbE Networking for Advanced Small Businesses

Each model of the Aruba Instant On 1960 Switch Series includes four 10GbE connections to connect to servers, network storage devices, or to other switches.

Two connections of 10GBASE-T deliver 10GbE over copper Category 6a cabling for simple, affordable, high-bandwidth connections to a maximum distance of 100 meters.

With PoE models, up to 30W PoE power delivery is available for Class 4 PoE devices like access points, surveillance cameras and VoIP phones, and up to 60W PoE power delivery is available for Class 6 PoE devices like pan-tilt zoom cameras and video-enabled IP-phones.

Simplify Network Deployment and Management for Small Organizations

The Aruba Instant On 1960 Switch series offers a complete portfolio of choices for increased small business flexibility. It consists of five models including two (2) 24-port and two (2) 48-port models in PoE and non-PoE configurations, and a 12 port 10-Gigabit aggregation switch.

The 24-port and 48-port PoE models come with a power budget of 370W and 600W respectively to support the latest PoE-powered IoT devices.

The Aruba Instant On 1960 Switch series can be deployed using two management modes – Instant On cloud-management (access via mobile app and/or web portal) and the local web GUI.

Each switch has a pull-out tag, known as a luggage tag, on the front panel of the switch.

The tag includes a QR code that includes switch ID information (SKU number, SKU name, serial number, and MAC address) for easy switch onboarding through Instant On mobile app.

Ease of Use with Cloud-Managed Stacking

The Aruba Instant On mobile app and cloud-based web portal make cloud-managed stacking easy — just follow the recommendations to stack up to four (4) Aruba Instant On 1960 switches and manage as a single entity.

The Aruba Instant On mobile app automatically detects members, making multiple stack members easy to setup and manage remotely.

Automated configurations and streamlined workflows allow users to manage all stack members through one single dashboard without the need for device reboot.

Robust Security to Protect Your Network

The Aruba Instant On 1960 Switch Series lets you use VLANs and Access Control Lists to set bounds on what data can be seen by which users.

Leverage 802.1X with a RADIUS server to ensure only known and authorized users can access your network.

Supports Automatic denial-of-service (DOS) monitors and protects the network against malicious attacks.

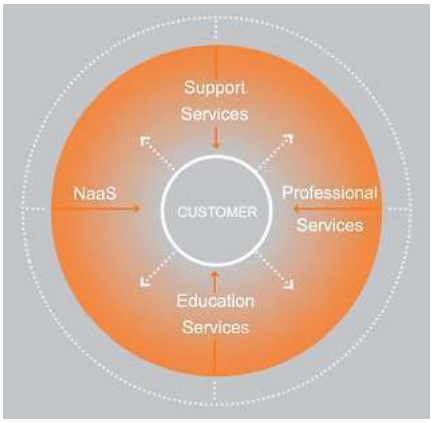
Technical specifications	Aruba Instant On 1960 Switch Series
Ports	48 10/100/1000 RJ-45 ports, 2 SFP+ 10GbE ports, 2 10GBASE-T ports, maximum, depending on model. PoE/PoE+ available on select models.
Memory and processor	Single Core ARMv7 Cortex-A9 @ 2Ghz, maximum, depending on model
Throughput	238 Mpps, maximum depending on model
Switching capacity	320 Gbps, maximum, depending on model
PoE capability	600W maximum, depending on model
Stacking capabilities	4H height
Management features	Aruba Instant On Cloud Web browser SNMP Manager
Input voltage	100 - 240 VAC
Operating temperature	0-40°C, 0-10,000 ft
Power consumption	790W, maximum, depending on model
Product dimensions (metric)	40.28 x 44.25 x 4.40 cm
Weight	4.9 kg, maximum, depending on model

For additional technical information, available models and options, please reference the QuickSpecs

Aruba Global Services

Aruba Global Services simplifies and accelerates the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what Aruba Global Services has to offer at: arubanetworks.com/services/



Support Services from Aruba

Support services reduce complexity and increase your team's productivity, ensuring you keep pace with technology advances and software releases, and obtain break-fix support required to keep your network running. Access to premium services means you have the right help at the right time.

Professional Services from Aruba

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from Aruba technology.

QuickStart Services include:

- Planning, audit and assessment
- Intelligent Operations
- Architecture review and design

Proactive Engineering Services include:

- Customer Experience Management
- Deployment, migration, and knowledge transfer
- Network optimization

Our Education Services allow your team to come up to speed quickly.

Aruba Network as-a-Service (NaaS)

Our NaaS solution, Aruba Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your Aruba network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from Aruba here.

Make the right purchase decision. Contact our presales specialists.

Chat online

Chat now (sales)

Call now

Buy now

Share now

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product

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