

# Aruba Instant On 1960 12XGT 4SFP+ Switch (JL805A)



## 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 access switch series ready to deploy in 12-port, 24-port, 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 storage devices and access switches alike.

## 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.

- 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 5/6a 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 for increased small business flexibility. It consists of six models including two (2) 24-port and two (2) 48-port models in PoE and non-PoE configurations, a 12-port multi-rate switch, and a 12-port 10-Gigabit aggregation switch.

The 12-port, 24-port, and 48-port PoE models come with a power budget of 480W, 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 12XGT 4SFP+ Switch

Product Number	JL805A
Differentiator	Advanced 10G, smart-managed stackable switch designed for business networks and workgroups needing ultra-high performance. Stacks up to four 1960 switches at 1G and 10G speeds and enables management through a single IP address, simplifying network operations, supporting both local and cloud-managed stacking. Using either local web GUI, Instant On mobile app or cloud-based web portal, you can quickly set up, monitor and manage the switches from anywhere at anytime.
Ports	12 RJ-45 100/1000/10GBASE-T ports, 4 SFP+ 10GbE ports
Memory and processor	Single Core ARMv7 Cortex-A9 @2Ghz
Throughput	238 Mpps
Switching capacity	320 Gbps
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	Maximum: 100-127V: 130W 200-220V: 160W Idle: 100-127V: 60W 200-220V: 80W
Product dimensions	35.05 x 44.25 x 4.4 cm
Weight	4.3 kg