

Aruba JL385A

Datasheet



Product Overview

- Aruba HPE OfficeConnect 1920S Series switches deliver smart-managed Gigabit connectivity for small business networks that need reliable, easy control.
- Ideal for small offices, branch sites, and growing SMEs, the JL385A supports voice, video, and data devices while keeping daily operation simple for IT and partners.
- It offers non-blocking Gigabit performance, 24 Gigabit PoE+ access ports, and dedicated SFP uplinks to connect aggregation switches or fiber runs without bottlenecks.
- Advanced features include Layer 3 static routing, IPv4/IPv6 host mode, VLANs, and ACLs, helping segment traffic and improve security in compact deployments.
- Flexible installation options such as desktop, wall, or under-table mounting, plus intuitive Web-based management, reduce deployment time for distributors and integrators.
- For small businesses in Asia, Europe, Africa, and North America, JL385A provides silent, efficient network access with enterprise-grade features at an affordable price point.

Product Highlights

- **Intuitive Web-Based Management:** Built-in Web GUI allows quick setup, monitoring, and basic troubleshooting, so SMB administrators and partners can configure VLANs, PoE, and security policies without complex CLI skills.
- **Layer 3 Static Routing:** Supports up to 32 static routes, enabling simple inter-VLAN routing and segmentation for small offices and branches without needing a separate Layer 3 core device.
- **Granular Access Control Lists:** ACLs enable fine-grained control of user and device traffic, improving security for VoIP, IP cameras, and guest users while keeping critical business applications protected.
- **Robust Network Stability:** Support for STP, RSTP, and MSTP ensures loop-free topologies and fast convergence, while fanless non-PoE+ models provide quiet operation for office and retail environments.

Detailed Features



JL385A

[Quote | Help](#)

Component	Specification
Form Factor	24 × 10/100/1000 PoE/PoE+ ports, 2 × SFP 100/1000 Mbps
Switching Capacity	52 Gbps
Forwarding Performance	Up to 77.3 Mpps
PoE Budget	370W PoE+
Input Power	100–240 VAC, max consumption 435W



Simplified Web Management

The JL385A offers a straightforward Web-based management interface that enables administrators to configure and monitor the switch without deep CLI knowledge. HTTP and HTTPS access provide secure remote control, while clear menus for VLANs, QoS, and PoE streamline daily work. This reduces deployment time for small integrators and helps distributors support non-specialist customers effectively.

Comprehensive SNMP and Logging

With support for SNMPv1, v2c, and v3, the switch integrates easily into existing NMS platforms for centralized monitoring. Devices can be auto-discovered, polled for performance metrics, and supervised for faults. Complete session logging records management actions and events, giving IT teams detailed data for audits, troubleshooting, and compliance in multi-site SME networks.

Advanced Monitoring with RMON and Mirroring

Built-in RMON delivers statistics, history, alarms, and event reporting, allowing proactive monitoring of traffic patterns and network health. Port and VLAN mirroring make it simple to send copies of live traffic to analyzers for deep inspection. This helps partners and administrators quickly isolate issues such as broadcast storms, misconfigured applications, or security incidents.

Resilient Software with Dual Flash Images

Dual flash images provide separate primary and secondary OS files, so software upgrades can be performed with a safe rollback option. If an update fails or a configuration proves unstable, the switch can boot from the alternate image. This reduces downtime risk in production environments and gives SMBs enterprise-like reliability without complex change procedures.

Flexible Time Synchronization

Support for Network Time Protocol keeps timestamps aligned across all devices that rely on accurate time, improving log correlation and event analysis. When an NTP server is not available, administrators can configure the clock manually. This flexibility ensures consistent timekeeping in smaller offices that may not run dedicated time services but still need accurate records for troubleshooting.

Plug-and-Play IP Addressing and File Transfer

Default DHCP client mode allows the JL385A to obtain an IP address automatically, simplifying first-time installation in branch or retail sites. If no DHCP server is found, the switch falls back to a known static address for easy access. Configuration files and firmware can be moved via FTP or TFTP, enabling quick backups, scripted deployment, and remote upgrades over standard IP networks.

Rich QoS and Traffic Protection

The switch supports DSCP and IEEE 802.1p-based prioritization, mapping flows into multiple hardware queues to keep voice, video, and key applications responsive. Advanced classifier-based QoS can act on Layer 24 fields, while rate limiting and Class of Service tagging refine bandwidth control. Packet storm protection shields the network from broadcast, multicast, or unknown unicast floods, preserving stability under fault conditions.

Efficient PoE and Flexible Connectivity

IEEE 802.3at PoE+ provides up to 30 W per port, supporting IP phones, high-power access points, and PTZ cameras without separate power runs. Auto-PoE configuration via LLDP assigns power based on device needs, and scheduling or power allocation modes help cut energy usage. Additional SFP ports extend reach over fiber for uplinks, while loop protection and Auto MDI/MDI-X simplify cabling and prevent disruptive loops.

Technical Specifications

Product Specifications

Feature	Value
Product Dimensions (metric)	44.25 x 24.61 x 4.39 cm
PoE Capability	370W PoE+
Power Consumption Description	435W (maximum), 34.2W (idle)
Product Differentiator (long)	Advanced smart managed 24-port Gigabit PoE+ high-power budget switch from our most popular switch series for small businesses. This model has 24x 10/100/1000 PoE/PoE+ ports as well as 2 SFP ports. Power over Ethernet budget is 370 Watts.



Feature	Value
External I/O Ports	(24) RJ-45 auto-negotiating 10/100/1000 PoE+ ports (12) RJ-45 auto-negotiating 10/100/1000 ports (2) SFP 100/1000 Mbps ports
Routing/switching Capacity	52 Gbps
Management Features	Web browser SNMP IEEE 802.3 Ethernet mib
Throughput	up to 77.3 Mpps
Input Voltage	100 - 240 VAC
Product Dimensions (imperial)	17.42 x 12.7 x 1.73 in

Product Comparison

Feature	JL385A	JL479A	R8Q69A
Switching Capacity	52 Gbps	Similar smart-managed Gigabit capacity (model dependent)	Higher or comparable capacity for newer SMB access
Fixed Ports	24 × 10/100/1000 PoE/PoE+ + 2 × 100/1000 SFP	24/48 × 10/100/1000 with SFP uplinks (series variant)	24/48 × 1G access ports with SFP/SFP+ uplinks (Aruba SMB series)
PoE Capability	370W PoE+ budget, up to 30 W/port	PoE/PoE+ support with varying budgets by model	Enhanced PoE/PoE+ options for APs and IP devices
Management	Web GUI, SNMP, RMON, DHCP client	Cloud-ready or enhanced Web/CLI options (series specific)	Aruba cloud/centralized management capable (model dependent)
Layer 3 Functions	Static routing (32 routes), IPv4/IPv6 host	Expanded L3 feature set on higher models	Richer L3 support in newer Aruba SMB switches
Deployment Target	SMB access, small offices, IP phones, APs, cameras	SMB and branch access with updated hardware	Modern SMB/branch networks needing tighter Aruba integration
Power Consumption	435W max, 34.2W idle	Optimized power usage depending on PoE model	Improved energy efficiency in later-generation designs

Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none"> - Power cord - Rack mounting kit - Quick installation guide



Category	Accessories
Optional Accessories	<ul style="list-style-type: none">- SFP 100/1000 Mbps transceivers- Additional Ethernet patch cords- Cable management accessories



Support & Warranty



24/7 Online Service



3-Year Premium Warranty



Professional Technical Support



100% Low Price Guarantee

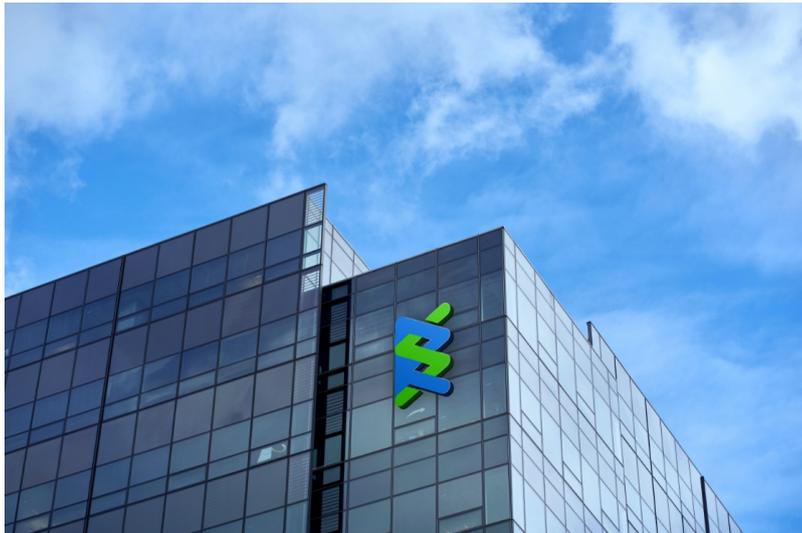


100% Quality Assurance



100% Money Back Guarantee

About Us



Router-switch.com, headquartered in Hong Kong since 2002, has been a trusted global leader in ICT distribution for 20+ years. We provide cutting-edge networking, cybersecurity, data center, and AI solutions to meet evolving business needs. Our wide range includes products from top brands like Cisco, Arista, Aruba, Fortinet, Mellanox, and Huawei, ensuring access to the latest technology and innovations.

21,500+
global customers

600,000+
end-users

200+
countries & regions

20+
years experience

500+
global vendors

100,000+
SKUs available

700+
local sales experts

50-98%
off global list prices

Contact Us

Email

Sales Inquiries: sales@router-switch.com

Expert Technical Support: ccie-support@router-switch.com

Cooperative Partnerships: partner@router-switch.com

Follow Us

Facebook: [@Routerswitchdotcom](https://www.facebook.com/Routerswitchdotcom)

LinkedIn: [Router-switch.com](https://www.linkedin.com/company/router-switch.com)

X: [@routerswitchcom](https://twitter.com/routerswitchcom)

Instagram: [@routerswitchdotcom](https://www.instagram.com/routerswitchdotcom)

Phone

USA: +1-626-655-0998

Hong Kong: +852-25925389 / +852-25925411



Global Footprint

Global Warehouses & Service Centers Across Continents.



Global Branches

Hong Kong Branch

Rm 605, 6/F, Fa Yuen Comm Bldg, 75-77 Fa Yuen St, Mongkok, Kowloon, Hong Kong, China

USA Branch

35 E Horizon Ridge Pkwy, Ste 110 #30131, Henderson, NV 89002, USA

Shenzhen Branch

Jingfeng Building, 1001 Shangbu South Road, Futian District, Shenzhen, China

UK Branch

Third Floor, 207 Regent Street, London W1B 3HH, UK



References

[1] Hewlett Packard Enterprise. (2017). HPE OfficeConnect 1920S Switch Series JL385A Specification. Retrieved from <https://www.hpe.com/psnow/doc/a00001630enw>