

# HPE Aruba 2930F 48G PoE+ 4SFP+

Switch - L3 - Managed - 48 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink) - rack-mountable - PoE+ (370 W)

|                       |                   |
|-----------------------|-------------------|
| Group                 | Network Equipment |
| Manufacturer          | HPE               |
| Manufacturer item no. | JL256A#ABB        |
| EAN/UPC               | 0190017007267     |



## Description

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## Main features

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description        | HPE Aruba 2930F 48G PoE+ 4SFP+ - switch - 48 ports - Managed - rack-mountable                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Device Type                | Switch - 48 ports - L3 - Managed - stackable                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Enclosure Type             | Rack-mountable 1U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Subtype                    | Gigabit Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ports                      | 48 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power Over Ethernet (PoE)  | PoE+                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PoE Budget                 | 370 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Performance                | Throughput: 112 Mpps<br>Switching capacity: 176 Gbps<br>Latency (1 Gbps): 3.8 µs<br>Latency (10 Gbps): 1.6 µs                                                                                                                                                                                                                                                                                                                                                                                          |
| Capacity                   | Jumbo frame size: 9220<br>IPv4 routing table entries: 10000<br>IPv6 routing table entries: 5000                                                                                                                                                                                                                                                                                                                                                                                                        |
| MAC Address Table Size     | 32K entries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Routing Protocol           | OSPF, RIP, RIP-1, RIP-2, BGP, IGMPv2, IGMP, OSPFv2, static IP routing, IGMPv3, OSPFv3, static IPv4 routing, static IPv6 routing, RIPng, MLD, CIDR                                                                                                                                                                                                                                                                                                                                                      |
| Remote Management Protocol | SNMP 1, SNMP 2, RMON 1, SNMP, Telnet, SNMP 3, SNMP 2c, SSH, SSH-2, CLI, XRMON                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Features                   | Flow control, full duplex capability, DHCP support, BOOTP support, ARP support, VLAN support, IGMP snooping, Syslog support, DiffServ support, IPv6 support, SNTP support, sFlow, STP support, MSTP support, ACL support, QoS, Jumbo Frames support, DHCP server, STP Root Guard, UDLD, LLDP support, LACP, MIB, MAC address lockout, dynamic ARP protection, DHCP protection, GVRP, MVRP, NDP, CoS, ToS, OpenFlow support, CPU protection, ICMP, ICMP Router Discovery Protocol (IRDP), VXLAN, MIB II |
| Compliant Standards        | IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ad, IEEE 802.1v, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3az, IEEE 802.1AX                                                                                                                                                                                                                                                                                 |

|                    |                               |
|--------------------|-------------------------------|
| Power              | AC 120/230 V                  |
| Dimensions (WxDxH) | 44.25 cm x 30.42 cm x 4.39 cm |
| Weight             | 4.46 kg                       |
| Localisation       | English / Europe              |

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