

Overview

The HP 850 Unified Wired-WLAN Appliance (JG722A) delivers a highly scalable solution (up to 512 APs through optional licensing and 10G centralized throughput) with high reliability for medium Enterprise wireless networks and supports IEEE 802.11a/b/g/n and IEEE 802.11ac APs and access devices. The HP 850 Unified Wired-WLAN Appliance provides eight 1000 Mb/s Ethernet ports and two 10GbE ports and can optionally support up to 512 managed APs, 10,000 users, and 10G of centralized throughput.

Quick Spec

Figure 1 shows the appearance of HPE JG722A.

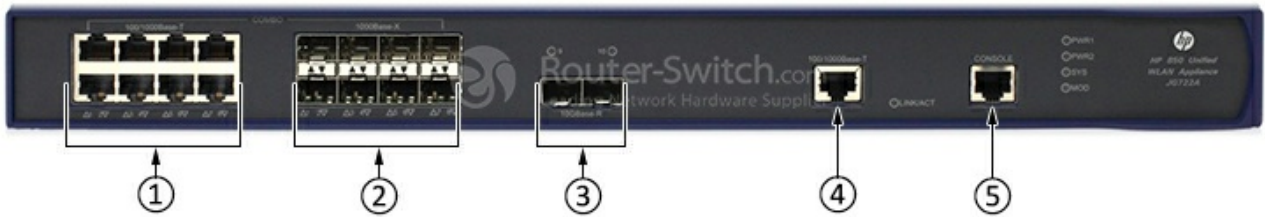


Table 1 shows the quick spec.

| | |
|-----------------------------------|---|
| Product Code | JG722A |
| Type | HP 850 Unified Wired-WLAN Appliance |
| I/O ports and slots | <ul style="list-style-type: none"> · 8 dual-personality ports; 8 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 100BASE-TX: half or full; 1000BASE-T: full only Media type: Auto-MDIX SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) · 2 SFP+ 10GbE ports |
| Additional ports and slots | <ul style="list-style-type: none"> 1 RJ-45 serial console port 1 RJ-45 out-of-band management port |
| Power supplies | <ul style="list-style-type: none"> 2 power supply slots 1 minimum power supply required Includes: 1 x JG745A (HP X351 150 W 100 - 240 V a to 12 V dc power supply) |
| Dimensions (W x D x H) | 44 x 42 x 4.36 cm (17.32 x 16.54 x 1.72 in) (1U height) |
| Weight | 5.6 kg (12.35 lb) |

Product Details

Figure 2 shows the front panel of HPE JG722A.



Note:

| | |
|-----|--|
| (1) | 100/1000Base-T autosensing Ethernet ports 1 to 8 (combo interface) |
| (2) | 100Base-FX/1000Base-X SFP ports 1 to 8 (combo interface) |
| (3) | 10GBase-R SFP+ ports (9 to 10) |
| (4) | 100/1000 Base-T management Ethernet ports |
| (5) | Console port |

· There are two Power supply slots and one Expansion slot on the back panel.

Compare to Similar Items

Table 2 shows the comparison.

| Product Code | JG722A | JG641A |
|--------------|--|--|
| Type | HP 850 Unified Wired-WLAN Appliance | HP 830 8-Port PoE+ Unified Wired-WLAN Switch |
| Ports | 8 dual-personality ports; 8 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 100BASE-TX: half or full; 1000BASE-T: full only Media type: Auto-MDIX SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) 2 SFP+ 10GbE ports | 8 RJ-45 dual-personality 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only. 2 SFP 1000 Mbps ports. 1 RJ-45 serial console port. |

Get more information

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Specification

| JG722A Specifications | |
|-----------------------|-------------------------------------|
| Type | HP 850 Unified Wired-WLAN Appliance |

| | |
|---|---|
| I/O ports and slots | <ul style="list-style-type: none"> · 8 dual-personality ports; 8 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 100BASE-TX: half or full; 1000BASE-T: full only Media type: Auto-MDIX SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) · 2 SFP+ 10GbE ports |
| Additional ports and slots | <ul style="list-style-type: none"> 1 RJ-45 serial console port 1 RJ-45 out-of-band management port |
| Power supplies | <ul style="list-style-type: none"> 2 power supply slots 1 minimum power supply required Includes: 1 x JG745A (HP X351 150 W 100 - 240 V a to 12 V dc power supply) |
| Memory and processor (Processor) | Broadcom XLP432 Eight core @ 1.4 GHz, 4GB flash, 4GB DDR3 SDRAM |
| Mounting and enclosure | EIA-standard 19-inch telco rack or equipment cabinet (hardware included) |
| Features | <p>Default supported APs: 64 Maximum supported APs: 512 (via the optional purchase of the 32 or 128 access point E-LTU) Maximum supported clients and centralized throughput: 10,000 clients 10G centralized throughput Maximum supported users via local portal authentication: 2000 Maximum supported users via local authentication (AAA): 1,000 Maximum supported configured SSIDs: 512 Maximum supported ACLs: 32,000</p> <p>Supported MSM APs are automatically discovered, Comware firmware is loaded, and the APs can be fully managed. AP upgrade license rules for redundant HP 850 Unified Wired-WLAN Appliance deployments The primary HP 850 Unified Wired-WLAN Appliance's AP count must be increased using the optional HP Unified Wired-WLAN 128 AP E-LTU (JG649AAE) or the HP Unified Wired-WLAN 32 AP E-LTU (JG774AAE). The secondary HP 850 Unified Wired-WLAN Appliance's AP count can be increased as needed using the reduced-cost HP Unified Wired-WLAN 128 AP Redundant E-LTU. The AC Power supplies are hot-swappable.</p> |
| Dimensions (W x D x H) | 44 x 42 x 4.36 cm (17.32 x 16.54 x 1.72 in) (1U height) |
| Weight | 5.6 kg (12.35 lb) |
| Maximum heat dissipation | 576.03 kJ/hr (546 BTU/hr) |
| AC voltage | 100 - 240 V ac |
| DC voltage | -48 to -60 V dc |
| Maximum power rating | 150 W |
| Frequency | 50/60 Hz |
| Operating temperature | 0° to 45°C (32° to 113°F) |
| Operating relative humidity | 5% to 95%, noncondensing |
| Nonoperating/storage temperature | -40° to 70°C (-40° to 158°F) |
| Nonoperating/storage relative humidity | 5% to 95%, noncondensing |
| Altitude | Up to 5 km (16,404 ft) |

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