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## Overview

The HPE 870 Unified Wired-WLAN Appliance(JG723A) delivers scalable performance for IEEE 802.11n and .11ac APs and resilient wireless network solution for demanding large enterprise environments. The HPE 870 supports up to 1536 access points and 30,000 users, offers sub-second failover redundancy and robust security for business continuity. With user access control and management, IEEE 802.3az support, fast roaming, advanced QoS, comprehensive RF management and IPv4/IPv6 support, you get optimized performance for the most bandwidth intensive voice and video applications in dense client environments.

## Quick Spec

Figure 1 shows the appearance of HPE JG723A.



Table 1 shows the quick spec.

<b>Product Code</b>	JG723A
<b>Type</b>	HPE 870 Unified Wired-WLAN Appliance
<b>I/O ports and slots</b>	<ul style="list-style-type: none"> <li>· 12 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 100BASE-TX: half or full; 1000BASE-T: full only</li> <li>· 12 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX)</li> <li>· 4 SFP+ 10GbE ports (IEEE 802.3ae Type 10GBASE-ER, IEEE 802.3ae Type 10GBASE-LR, IEEE 802.3ae Type 10GBASE-SR, IEEE 802.3aq Type 10GBASE-LRM)</li> </ul>
<b>Additional ports and slots</b>	<ul style="list-style-type: none"> <li>1 RJ-45 serial console port</li> <li>1 RJ-45 out-of-band management port</li> </ul>
<b>Power supplies</b>	2 power supply slots 1 minimum power supply required includes: 1 x JG527A (HPE X351 300W 100-240VAC to 12VDC Power Supply)
<b>Dimensions (W x D x H)</b>	17.32(w) x 18.9(d) x 3.47(h) in. (44 x 48 x 8.81 cm) (2U height)
<b>Weight</b>	29.32 lb (14.5 kg)

## Product Details

Figure 2 shows the front panel of HPE JG723A.



· There are 12 RJ-45 autosensing 100/1000 ports, 12 SFP 100/1000 Mb/s ports and 4 SFP+ 10GbE ports on the front panel.

## The Accessories

Table 2 shows the recommended licenses.

Model	Description
<a href="#">JG774AAE</a>	HP Unified Wired-WLAN 32 AP E-LTU
<a href="#">JG902AAE</a>	HP Unified Wired-WLAN 128 AP Red E-LTU
<a href="#">JD102B</a>	HP X115 100M SFP LC FX Transceiver
<a href="#">JD120B</a>	HP X110 100M SFP LC LX Transceiver
<a href="#">JD063B</a>	HP X125 1G SFP LC LH70 Transceiver
<a href="#">JD094B</a>	HP X130 10G SFP+ LC LR Transceiver

## Compare to Similar Items

Table 3 shows the comparison.

Product Code	<a href="#">JG722A</a>	JG723A
Type	HP 850 Unified Wired-WLAN Appliance	HPE 870 Unified Wired-WLAN Appliance
Ports	<ul style="list-style-type: none"> <li>· 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)</li> <li>· 2 SFP+ 10GbE ports</li> </ul>	<ul style="list-style-type: none"> <li>· 12 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 100BASE-TX: half or full; 1000BASE-T: full only</li> <li>· 12 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX)</li> <li>· 4 SFP+ 10GbE ports (IEEE 802.3ae Type 10GBASE-ER, IEEE 802.3ae Type 10GBASE-LR, IEEE 802.3ae Type 10GBASE-SR, IEEE 802.3aq Type 10GBASE-LRM)</li> </ul>

## Get more information

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## Specification

### JG723A Specifications

<b>Type</b>	HPE 870 Unified Wired-WLAN Appliance
<b>I/O ports and slots</b>	<ul style="list-style-type: none"> <li>· 12 RJ-45 autosensing 100/1000 ports (IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 100BASE-TX: half or full; 1000BASE-T: full only</li> <li>· 12 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX)</li> <li>· 4 SFP+ 10GbE ports (IEEE 802.3ae Type 10GBASE-ER, IEEE 802.3ae Type 10GBASE-LR, IEEE 802.3ae Type 10GBASE-SR, IEEE 802.3aq Type 10GBASE-LRM)</li> </ul>
<b>Additional ports and slots</b>	<ul style="list-style-type: none"> <li>1 RJ-45 serial console port</li> <li>1 RJ-45 out-of-band management port</li> </ul>
<b>Power supplies</b>	2 power supply slots 1 minimum power supply required includes: 1 x JG527A (HPE X351 300W 100-240VAC to 12VDC Power Supply)
<b>Memory and processor (Processor)</b>	Broadcom XLP432 Eight core @ 1.4 GHz, 4 GB flash, 8 GB DDR3 SDRAM
<b>Mounting and enclosure</b>	EIA-standard 19-inch Telco rack or equipment cabinet (hardware included)
<b>Features</b>	<p>Default supported APs: 256  Maximum supported APs: 1536 (via the optional purchase of the 32 or 128 access point E-LTU)  Maximum supported clients and centralized throughput:  30,000 clients • 40G centralized throughput  Maximum supported users via local portal authentication: 6000  Maximum supported users via local authentication (AAA): 3,000  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 upgrades license rules for redundant HPE 870 Unified Wired-WLAN Appliance deployments.</p> <p>The primary HPE 870 Unified Wired-WLAN Appliance's AP count must be increased using the optional HPE Unified Wired-WLAN 128 AP E-LTU (JG649AAE) or the HPE Unified Wired-WLAN 32 AP E-LTU (JG774AAE).  The secondary HPE 870 Unified Wired-WLAN Appliance's AP count can be increased as needed using the reduced-cost HPE Unified Wired-WLAN 128 AP Redundant E-LTU.</p> <p>Power supplies are hot-swappable. When two power supplies are used, they must be the same type. An AC and a DC power supply must not be used together in the same appliance.</p>
<b>Dimensions (W x D x H)</b>	17.32(w) x 18.9(d) x 3.47(h) in. (44 x 48 x 8.81 cm) (2U height)
<b>Weight</b>	29.32 lb (14.5 kg)
<b>Maximum heat dissipation</b>	887 BTU/hr (935.79 kJ/hr)
<b>AC voltage</b>	100 - 240 V ac
<b>DC voltage</b>	-48 to -60 V dc
<b>Maximum power rating</b>	260 W
<b>Frequency</b>	50/60 Hz
<b>Operating temperature</b>	0° to 45°C (32° to 113°F)
<b>Operating relative humidity</b>	5% to 95%, noncondensing
<b>Nonoperating/storage temperature</b>	-40°F to 158°F (-40°C to 70°C)
<b>Nonoperating/storage relative humidity</b>	5% to 95%, noncondensing
<b>Altitude</b>	up to 16,404 ft (5 km)
<b>Safety</b>	UL 60950-1; CAN/CSA 22.2 No. 60950-1; IEC 60950-1; EN 60950-1; FDA 21 CFR Subchapter J

<b>Emissions</b>	EN 55022 Class A; CISPR 22 Class A; ICES-003 Class A; AS/NZS CISPR 22 Class A; EN 61000-3-2; EN 61000-3-3; VCCI-3 CLASS A; VCCI-4 CLASS A; ETSI EN 300 386; FCC Part 15 (CFR 47) CLASS A
<b>Immunity EN</b>	EN 55024, CISPR 24 & ETSI EN 300 386
<b>Management</b>	IMC—Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP; IEEE 802.3 Ethernet MIB; Ethernet Interface MIB

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