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Overview

Weatherproof and temperature hardened, Aruba 570 series access points deliver high Wi-Fi performance in outdoor and environmentally challenging locations. The high-performance and high-power 570 series APs deliver maximum capacity and range.

Quick Specs

Figure 1 shows the appearance of R4H17A.



Table 1 shows the Quick Specs.

Product Code	R4H17A
Ports	(1) HPE SmartRate RJ-45 port, auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDX. 2.5 Gbps speed complies with NBASE-T and 802.3bz specifications (1) 10/100/1000BASE-T (RJ-45) port, auto-sensing link speed and MDI/MDX
Input voltage	IEEE 802.3at PoE, or direct DC power (via optional power supply)
Power Consumption	25.6W, max (AP only)
Wi-Fi antenna	Built-in omni-directional antennas: 5 GHz (4.6 dBi), 2.4 GHz (4.0 dBi)
Radio coverage	Outdoor-hardened, Wi-Fi 6 dual radio, 5 GHz 4x4 MIMO and 2.4 GHz 2x2 MIMO Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1) Maximum data rates of 4.8 Gbps in the 5GHz band and 575 Mbps in the 2.4GHz band
Product Dimensions (imperial)	10.6 x 9.0 x 9.4 in (H x W x D)

Product Details

Figure 2 shows the front panel of R4H17A.



Figure 3 shows the side panel of R4H17A.



R4H17A provides these features:

Incredible Efficiency with Wi-Fi 6

The Aruba 570 Series Outdoor Access Points support the Wi-Fi 6 standard, including features such as orthogonal frequency-division multiple access (OFDMA), bi-directional Multi-User MIMO (MU-MIMO), and Target Wait Time (TWT).

Patented RF optimization technologies like ClientMatch have also been enhanced with Wi-Fi 6 awareness to group Wi-Fi 6-capable client devices together for optimized network utilization.

The Aruba 570 Series also supports Air Slice, a unique capability that enhances OFDMA with SLA-grade application assurance from the access point to the client device

Infrastructure Designed with Flexibility in Mind

The Aruba 570 Series Outdoor Access Points are purpose-built to deliver unified connectivity and support flexible deployment options.

This product can be managed by Aruba Central, as well as with existing on-premises and local management options.

It is purpose-built to survive in the harshest outdoor environments, withstanding exposure to extreme high and low temperatures, persistent moisture, and is sealed to keep out airbourne contaminants.

IoT Platform Capabilities

The Aruba 570 Series Outdoor Access Points have the ability to support up to 512 associated clients per Wi-Fi radio – ideal for organizations deploying Wi-Fi connected IoT devices.

Supports Bluetooth 5 and Zigbee® wireless protocols through an integrated IoT radio, and third-party expansion with an integrated USB port.

Features improved client visibility with integrated device profiling, and the option for advanced insights when integrated with ClearPass Policy Manager or ClearPass Device Insight.

Compare to Similar Items

Table 2 shows the comparison of R4H17A.

Module	R4H17A	R7J27A
Ports	(1) HPE SmartRate RJ-45 port, auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDX. 2.5 Gbps speed complies with NBASE-T and 802.3bz specifications (1) 10/100/1000BASE-T (RJ-45) port, auto-sensing link speed and MDI/MDX	E0, E1: Two Ethernet wired network ports (RJ-45) Auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDX 2.5Gbps speed complies with NBase-T and 802.3bz specifications POE-PD: 48Vdc (nominal) 802.3af/at/bt POE (class 3 or higher) 802.3az Energy Efficient Ethernet (EEE)

Input voltage	IEEE 802.3at PoE, or direct DC power (via optional power supply)	12 Vdc (+/- 5%) or 48 Vdc (nominal) POE
Power Consumption	25.6W, max (AP only)	23.8W worst case (POE powered), 20.7W worst case (DC). Excludes power needed to supply up to 5W to an attached USB device.
Radio coverage	Outdoor-hardened, Wi-Fi 6 dual radio, 5 GHz 4x4 MIMO and 2.4 GHz 2x2 MIMO Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1) Maximum data rates of 4.8 Gbps in the 5GHz band and 575 Mbps in the 2.4GHz band	Indoor, tri radio, 2.4GHz, 5GHz and 6GHz (concurrent) 802.11ax 2x2 MIMO
Product Dimensions	10.6 x 9.0 x 9.4 in (H x W x D) (imperial)	220mm (W) x 220mm (D) x 50mm (H) (metric)

Get More Information

Do you have any question about the **R4H17A**?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

R4H17A Specification	
Ports	(1) HPE SmartRate RJ-45 port, auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDX. 2.5 Gbps speed complies with NBASE-T and 802.3bz specifications (1) 10/100/1000BASE-T (RJ-45) port, auto-sensing link speed and MDI/MDX
Mounting	Not included. Choose AP-270-MNT-V1, AP-270-MNT-V2, AP-270-MNT-H1, AP-270-MNT-H2
Input voltage	IEEE 802.3at PoE, or direct DC power (via optional power supply)
Power Consumption	25.6W, max (AP only)
Certifications	CB Scheme Safety, cTUVus UL2043 plenum rating Wi-Fi Alliance certified 802.11a/b/g/n/ Wi-Fi CERTIFIED™ 6 (802.11ax) Wi-Fi CERTIFIED™ ac (with Wave 2 features) Passpoint® (Release 2) with ArubaOS and Instant
Regulatory	FCC/ISED CE Marked RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 60950 EN 60601-1-1, EN60601-1-2
Wi-Fi antenna	Built-in omni-directional antennas: 5 GHz (4.6 dBi), 2.4 GHz (4.0 dBi)
Radio coverage	Outdoor-hardened, Wi-Fi 6 dual radio, 5 GHz 4x4 MIMO and 2.4 GHz 2x2 MIMO Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1) Maximum data rates of 4.8 Gbps in the 5GHz band and 575 Mbps in the 2.4GHz band
Product Dimensions (imperial)	10.6 x 9.0 x 9.4 in (H x W x D)

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