

HPE Aruba Instant ON AP22 - Radio access point

Bluetooth - Wi-Fi 6 - 2.4 GHz - 5 GHz - DC power - wall / ceiling mountable

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	R6M50A
EAN/UPC	0190017480190



Description

To meet the increasing needs and volumes of connected devices, Aruba Instant On is announcing its first Wi-Fi 6 access point: AP22. Delivering higher capacity and greater performance at a competitive price, the AP22 is the perfect access point for small businesses with expanding mobile, cloud, and IoT requirements.

Wi-Fi Certified 6 AP22 access points deliver faster Wi-Fi speeds, greater capacity, and reduced latency between access points and devices for a superior Wi-Fi experience. With the AP22, you can upgrade your Wi-Fi network to boost performance across devices now, while preparing it for more mobile and IoT devices in the future.

Already have a demanding mobile and/or IoT environment? Delivering 4x the capacity of 802.11ac access points, the AP22 can provide an exceptional user experience in a broad variety of scenarios. Remote offices. Hybrid classrooms. Hotels and restaurants. Reimagined retail and hospitality. The AP22 can handle them all without breaking a sweat. Want to make wires a thing of the past? Combine the AP22 with Smart Mesh Wi-Fi for complete wireless coverage.

The Aruba Instant On AP22, at every level, is designed for rapid deployment and simplified management. Be it mounting hardware, or remote device management, or having access to the latest business-grade software, the AP22 lives to make your life easier.

Main features

Product Description	HPE Aruba Instant ON AP22 - radio access point - Bluetooth, Wi-Fi 6
Device Type	Radio access point
Form Factor	Wall / ceiling mountable - indoor
Localisation	Europe
Data Link Protocol	Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 802.11ax
Frequency Band	2.4 GHz, 5 GHz
Performance	Maximum data rate (5 GHz): 1.2 Gbps Maximum data rate (2.4 GHz): 574 Mbps
Included Accessories	Wall/ceiling rail mounting clip
Power Over Ethernet (PoE) Supported	PoE
Power	DC 12 V
Dimensions (WxDxH)	16 cm x 16 cm x 3.7 cm
Weight	500 g

Extended details

General

Device Type Radio access point

Ruggedized Design Indoor

Width 16 cm

Depth 16 cm

Height 3.7 cm

Weight 500 g

Localisation Europe

Networking

Form Factor Wall / ceiling mountable

Connectivity Technology Wireless

Line Coding Format 1024 QAM

Data Link Protocol Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 802.11ax

Spread Spectrum Method OFDMA

Network / Transport Protocol PPPoE

Frequency Band 2.4 GHz, 5 GHz

Performance Maximum data rate (5 GHz): 1.2 Gbps | Maximum data rate (2.4 GHz): 574 Mbps

Status Indicators Status

Features Firewall protection, manageable, static IP mode, Trusted Platform Module (TPM), reset button, Low Density Parity Check (LDPC), Transmit Beam-forming (TxBF) ready, security lock slot (cable lock sold separately), Advanced Cellular Coexistence (ACC), MU-MIMO technology, 2x2 MIMO technology, Bluetooth (BLE) clients support, Target Wait Time (TWT), Smart Mesh technology, BSS Coloring

Encryption Algorithm WPA2, WPA3

Compliant Standards IEEE 802.11b, IEEE 802.11a, IEEE 802.3af, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, Wi-Fi CERTIFIED 6

Aerial

Antenna Internal

Directivity Omni-directional

Internet of Things (IoT)

Internet of Things (IoT) Compatible Yes

Communications Technology	Bluetooth Low Energy (LE)
	Expansion / Connectivity
Interfaces	1 x Ethernet 1000 (uplink)
	Miscellaneous
Included Accessories	Wall/ceiling rail mounting clip
Cables Included	1 x network cable ; 1 x power adapter ; 1 x power cable (EU)
MTBF	91 years
Compliant Standards	UL 2043, EN 60601-1-2, EN 60601-1-1
	Power
Power Over Ethernet (PoE) Supported	PoE
Power Device	External power adapter
Voltage Required	DC 12 V
Power Provided	18 Watt
	Software / System Requirements
Software Included	InstantOn
	Manufacturer Warranty
Service & Support	Limited warranty - 1 year ; Technical support - phone consulting - 90 days ; Product info support - web support - 1 year
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C

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