

## Produktinformation



### Cisco Aironet 1832I - Radio access point - 802.11ac (draft 5.0) - Wi-Fi - 2.4 GHz, 5 GHz

#### Information



<i>Tillverkare</i>	Cisco
<i>Artnr</i>	AIR-AP1832I-E-K9-REF

Ideal for small and medium-sized networks, the Cisco Aironet 1830 series delivers great wireless performance with support for the advanced Wi-Fi standard, and meets the growing requirements of wireless networks by delivering a better user experience. The 1830 series extends support to a generation of Wi-Fi clients, such as smartphones, tablets, and high-performance laptops that have integrated 802.11ac support. With 802.11ac Wave 2, the 1830 series provides a high data rate, exceeding the data rates offered by high-end 802.11n access points. It also enables a total aggregate dual-radio data rate, providing the necessary foundation for enterprise and service provider networks to stay ahead of the performance and bandwidth expectations and needs of their wireless users. Due to its convenience, wireless access is increasingly the preferred form of network connectivity for corporate users. Along with this shift, there is an expectation that wireless should not slow down users' day-to-day work, but should enable a high-performance experience while allowing users to move freely. The 1830 series delivers amazing performance for highly secure and reliable wireless connections and provides a robust mobility experience.

## Specifikation

### General

<b>Status</b>	R4
<b>Device Type</b>	Radio access point
<b>Ruggedized Design</b>	Indoor
<b>Width</b>	21.08 cm
<b>Depth</b>	21.08 cm
<b>Height</b>	50.8 cm
<b>Weight</b>	1.41 kg

### Processor / Memory / Storage

<b>Flash Memory</b>	256 MB
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### Networking

<b>Form Factor</b>	External
<b>Connectivity Technology</b>	Wireless
<b>Data Transfer Rate</b>	1 Gbps
<b>Data Link Protocol</b>	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac (draft 5.0)
<b>Frequency Band</b>	2.4 GHz, 5 GHz
<b>Status Indicators</b>	Status

<b>Features</b>	DFS support, Wi-Fi Multimedia (WMM) support, Maximum Ratio Combining (MRC), 3T3R MIMO technology, 802.1x authentication, cyclic shift diversity (CSD), beamforming technology
<b>Encryption Algorithm</b>	AES, TLS, PEAP, TTLS, TKIP, WPA, WPA2
<b>Authentication Method</b>	MS-CHAP v.2, Extensible Authentication Protocol (EAP), EAP-FAST
<b>Compliant Standards</b>	IEEE 802.11b, IEEE 802.11a, IEEE 802.3af, IEEE 802.11d, IEEE 802.11g, IEEE 802.1x, IEEE 802.11i, IEEE 802.11h, IEEE 802.11n, IEEE 802.3at, IEEE 802.11ac (draft 5.0)

#### Aerial

<b>Antenna</b>	Internal
<b>Directivity</b>	Omni-directional
<b>Gain Level</b>	5 dBi

#### Expansion / Connectivity

<b>Interfaces</b>	1 x 1000Base-T (PoE+) - RJ-45 1 x console - RJ-45 1 x USB 2.0 - Type A
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#### Miscellaneous

<b>Compliant Standards</b>	VCCI, ICES-003, FCC Part 15.247, RSS-210, RSS-102, UL 2043, UL 60950-1, IEC 60950-1, EN 60950-1, FCC Part 15.107, FCC Part 15.109, ARIB STD-T66, ARIB STD-T71, EMI, EN 300 328, FCC OET Bulletin 65c, EN 301 489-1, CAN/CSA-C22.2 No. 60950-1
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#### Power

<b>Power Over Ethernet (PoE) Supported</b>	PoE+
<b>Power Device</b>	External power adapter
<b>Voltage Required</b>	AC 120/230 V (50 - 60 Hz)
<b>Power Consumption Operational</b>	16 Watt

#### Environmental Parameters

<b>Min Operating Temperature</b>	0 °C
<b>Max Operating Temperature</b>	40 °C
<b>Humidity Range Operating</b>	10 - 90% (non-condensing)