

CISCO WIRELESS 9170 WIFI 7 ACCESS POINT

# CW9176I-RTG

Wi-Fi 7 Tri-Band 4x4 AP · 1x10G mGig Uplink · GNSS/IoT/UWB Radios

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock

CW9176I-RTG

|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| Product Model | CW9176I-RTG                                                                         |
| Category      | Cisco Wireless 9170 WiFi 7 Access Point                                             |
| Condition     | New, factory-sealed                                                                 |
| Warranty      | 3-year LSCare warranty                                                              |
| Supplier      | Layer23-Switch · <a href="http://www.layer23-switch.com">www.layer23-switch.com</a> |



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**3-Year**

Warranty

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The CW9176I-RTG is a Cisco Wireless 9176 Series Wi-Fi 7 indoor access point with internal omnidirectional antennas for enterprise floors. The access point runs three 4x4 radios on 2.4, 5 and 6 GHz for up to 18 Gbps of 802.11be PHY rate, and it uplinks over one 10G Multigigabit port.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

## Specifications

|                       |                                                                                                    |                        |                                                                                                                                   |
|-----------------------|----------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Product ID            | CW9176I-RTG                                                                                        | Ordering forms         | CW9176I-RTG (Ready To Go, single unit); CW9176I-CFG (configure-to-order)                                                          |
| Product role          | Indoor Wi-Fi 7 (802.11be) access point with internal omnidirectional antennas                      | Regulatory domain      | Global use; management mode determined at deployment; country approval is confirmed per destination, RTG is an ordering form only |
| 802.11be radio design | Tri-band 4x4 MU-MIMO, four spatial streams (2.4/5 GHz XOR, 5 GHz, 6 GHz)                           | 802.11be features      | 4096-QAM, MLO, preamble puncturing, uplink/downlink OFDMA, TWT, BSS coloring, MRC                                                 |
| Channel widths        | 320 MHz (6 GHz), 160 MHz (5 GHz), 20 MHz (2.4 GHz)                                                 | 802.11be PHY data rate | Up to 18 Gbps tri-band; up to 23 Gbps in dual 5 GHz mode                                                                          |
| 802.11ax radio        | 4x4 four spatial streams, uplink/downlink OFDMA, 1024-QAM                                          | 802.11ax PHY data rate | Up to 10.1 Gbps; up to 14.4 Gbps in dual 5 GHz mode                                                                               |
| Wireless security     | WPA3                                                                                               | Ethernet uplink        | 1x 100M/1G/2.5G/5G/10G Multigigabit (RJ-45); 10G requires Cat6/Cat6A, Cat5e supports up to 5G                                     |
| Console port          | RJ-45, 115200 bps default                                                                          | USB                    | USB 2.0 at 9W                                                                                                                     |
| Additional radios     | GNSS/GPS, dedicated IoT radio, UWB                                                                 | UPOE power draw        | 39W maximum (802.3bt Class 5; all radios 4x4, 10G link, USB on); PoE power table applies from Cisco IOS XE 17.15.3                |
| PoE+ power draw       | 25.5W (2.4 GHz at 2x2, 2.5G link, USB off); PoE power table applies from Cisco IOS XE 17.15.3      | 802.3af power draw     | 13.95W (configuration staging only, radios off, 1G link)                                                                          |
| Power injector option | CW-INJ-8                                                                                           | Power saving           | AP Power Save Mode (radios off during off-hours)                                                                                  |
| Indicators            | Status LED (boot loader, association, and operating states)                                        | Dimensions (W x L x H) | 9.5 x 9.5 x 2.0 in (24 x 24 x 5.1 cm), without mounting bracket                                                                   |
| Weight                | 3.4 lb (1.56 kg)                                                                                   | Operating temperature  | 0 to 50°C                                                                                                                         |
| Operating humidity    | 10% to 90% noncondensing                                                                           | Operating altitude     | 3000 m at 40°C                                                                                                                    |
| Supported controllers | Catalyst 9800 Series (physical or virtual); Catalyst 9000 embedded wireless controller in SDA mode | Cloud management       | Cisco Meraki (no minimum firmware gate)                                                                                           |

|                                  |                                                                            |                               |                                                                                          |
|----------------------------------|----------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------|
| <b>Minimum software release</b>  | Cisco IOS XE 17.15.2 (controller-based deployment)                         | <b>License requirement</b>    | Cisco Wireless Essentials (LIC-CW-E) or Cisco Wireless Advantage (LIC-CW-A) subscription |
| <b>Integrated antenna gain</b>   | 2.4 GHz 5 dBi; 5 GHz 5 dBi; 6 GHz 6 dBi, omnidirectional in azimuth        | <b>Location antenna gain</b>  | IoT 4 dBi; UWB 7 dBi; GNSS L1 3 dBi and L5 3 dBi                                         |
| <b>Transmit power settings</b>   | 23 dBm (200 mW) maximum to -4 dBm minimum on 2.4, 5, and 6 GHz             | <b>Bluetooth</b>              | BLE 5.3, upgradeable to BLE 6 with a future software update                              |
| <b>802.11ac PHY data rate</b>    | Up to 3.4 Gbps (dual 4x4 160 MHz on 5 GHz)                                 | <b>802.11n PHY data rate</b>  | Up to 1.5 Gbps                                                                           |
| <b>Typical power consumption</b> | 17.7W on UPOE; 17.2W on PoE+                                               | <b>Idle power consumption</b> | 15.5W on UPOE; 15.4W on PoE+                                                             |
| <b>Storage temperature</b>       | -30 to 70°C                                                                | <b>Storage altitude</b>       | 4570 m at 25°C                                                                           |
| <b>Accelerometer</b>             | Built-in, for post-deployment installation verification                    | <b>Safety compliance</b>      | IEC/EN/UL/CSA 62368-1, UL 2043, Class III equipment                                      |
| <b>Radio compliance</b>          | EN 300 328, EN 301 893, EN 303 687, 47 CFR FCC Part 15, CISPR 32, ICES-003 | <b>Certifications</b>         | Wi-Fi Alliance Wi-Fi 7 (R1), Wi-Fi 6 (R2), Wi-Fi 6E, WPA3-R3; Bluetooth SIG BLE          |

## Get Price and Availability for CW9176I-RTG

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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