

# AP430CR OUTDOOR ACCESS POINT



IP67 rated enclosure, 4x4 OFDMA, Wi-Fi 6 support, dedicated 2x2 scanning radio  
6 N-Type connectors, 5 GbE and 1 GbE ports, requires 802.3at PoE+

## PERFECT FOR HIGH-DENSITY DEPLOYMENTS

Designed for indoor or rugged outdoor deployment conditions built with an industrial-rated IP67 enclosure. The AP430CR delivers superior Wi-Fi 6 performance and WPA3 encrypted security. Includes six external antennas to deliver a maximum TX power of 23 dBm. Hardware includes one Ethernet port that supports up to 5 Gbps and a gigabit PoE+ port.

## CLOUD-BASED MANAGEMENT

You can manage the AP430CR with WatchGuard Cloud.

WatchGuard Cloud delivers one simplified platform for Wi-Fi management to easily deploy, configure, and report on one unified security platform. WatchGuard Cloud eliminates the need for any physical or virtual infrastructure requirements.

WatchGuard Cloud environments easily scale from one to an unlimited number of access points across multiple locations. Access points can be grouped in many ways including location, building, floor, customers, and remote users to maintain consistent policies across a distributed network.


## CROSS-PLATFORM BENEFITS


- Simple VPN connectivity to Firebox managed in WatchGuard Cloud.
- Multi-tier and multi-tenant capabilities through a centralized WatchGuard Cloud management platform with enhanced activation and intelligent inventory management.
- Captive Portal creation with custom corporate branding such as company logos, background, and thumbnail images.
- Enterprise authentication is delivered through easily managed WatchGuard Authentication Domains.
- Centralized management to WatchGuard's portfolio of products such as AuthPoint, Firebox, and endpoint solutions.

## FEATURES & BENEFITS

- Wi-Fi 6 and WPA3 encryption
- Six N-Type external connectors for antennas (antennas required, sold separately)
- Maximum TX power delivers 23 dBm and a 5 dBi antenna gain for the 2.4 GHz band and 7 dBi for the 5 GHz band
- IP67 Rated sealed enclosure to protect from harsh environments
- One PoE+ in ports supporting up to 5 Gbps
- One Ethernet Port supporting up to 1 Gbps
- Support for up to eight individual SSIDs per radio
- Max Data rate up to 2.3 Gbps on the 5 GHz band
- Max Data rate up to 574 Mbps available on the 2.4 GHz band
- Qualcomm Iron QCN5124-1 Iron QCN5154-1 processor with Qualcomm® Hawkeye IPQ8071A-1 Quad-core A53s at 1.0 GHz with 1 GB RAM and 256 MB Flash

**PHYSICAL SPECIFICATIONS**

|  | Property              | Specification  |
|---|-----------------------|--|
|   | Physical Dimensions   | 267.1 mm x 217.65 mm x 53.7 mm (without antenna)       |
|   | Weight                | 1.759 kg (3.87 lb)                                     |
|   | Operating Temperature | -30°C to 60°C (-22°F to 140°F)                         |
|   | Operating Humidity    | -5% to 95% non-condensing                              |
|   | Storage Temperature   | -40°C to 85°C (-40°F to 185°F)                         |
|   | Power Consumption     | 19 W (max) / 11 W (min) / 16 W (avg)                   |
|   | Chipset               | Qualcomm Iron QCN5124-1 + Iron QCN5154-1               |
|   | Processor RAM         | Qualcomm® Hawkeye IPQ8071A-1 Quad-core A53s at 1.0 GHz |

|  | Port       | Description   | Connector Type                  | Speed/Protocol                             |
|---|------------|---|---------------------------------|--|
|   | LAN / PoE+ | Multi gigabit ethernet port that enables the device to connect to the wired LAN and communicate with WatchGuard Cloud. This port is also used to power the device using the 802.3at Power over Ethernet Plus (PoE+) standard. | IP67 rated weather- proof RJ-45 | 1/2.5/5 Gbps Gigabit Ethernet 802.3at PoE+ |
|   | LAN2       | Gigabit Ethernet port that can be used for wired extension for an SSID  | IP67 rated weather- proof RJ-45 | 10/100/1000 Mbps Gigabit Ethernet          |

**WI-FI SPECIFICATIONS – Frequency, Modulation, and Data Rates**

| IEEE 802.11b/g/n/ax |   |                       |                 |
|---------------------|---|-----------------------|-----------------|
|                     | Scanning  | Transmission          |                 |
| Frequency Band      | All regions   | USA & Canada (FCC/IC) | Europe (ETSI)   |
|                     | 2412 ~ 2472 MHz   | 2412 ~ 2462 MHz       | 2412 ~ 2472 MHz |
| Modulation Type     | DSSS, OFDM, OFDMA                                       |                       |                 |
| Peak Data Rates     | Up to 574 Mbps (MCS0-11) with automatic rate adaptation |                       |                 |

**WI-FI SPECIFICATIONS – Frequency, Modulation, and Data Rates (continued)**

| IEEE 802.11a/n/ac/ax        |   |                          |                  |
|-----------------------------|---|--------------------------|------------------|
|                             | Scanning  | Transmission             |                  |
| Frequency Band              | All regions   | USA & Canada<br>(FCC/IC) | Europe<br>(ETSI) |
|                             | 5.15 ~ 5.85 MHz   | 5.15 ~ 5.85 MHz          | 5.15 ~ 5.72 MHz  |
| Dynamic Frequency Selection | DFS and DFS2  |                          |                  |
| Modulation Type             | OFDM, ODFMA   |                          |                  |
| Peak Data Rates             | Up to 2402 Mbps (MCS 0-11) with automatic rate adaptation |                          |                  |
| Maximum Power Values        |   |                          |                  |
| Maximum Transmit Power      | 24 dBm  |                          |                  |
| Receive Sensitivity         | -93 dBm   |                          |                  |

**Note:**

The actual transmit power will be the lowest of:

- Value specified in the Radio Settings
- Maximum value allowed in the regulatory domain
- Maximum power supported by the radio

**Access Point Mode:**

- WPA/WPA2 (802.11i) with TKIP or AES-CCMP encryption and PSK or 802.1x authentication

**REGULATORY SPECIFICATIONS**
**RF AND ELECTROMAGNETIC**

| Country | Certification   |
|---------|---|
| USA     | FCC   |
| Canada  | IC  |
| Europe  | CE EN<br>Countries covered under Europe certification: Austria, Belgium, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Iceland, Luxembourg, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Slovakia, Slovenia, Switzerland, The Czech Republic, and the UK. |

**SAFETY**

| Country           | Certification |
|-------------------|---------------|
| USA               | UL            |
| Canada            | cUL           |
| Europe Union (EU) | EN, RoHS      |



### WI-FI WITH WATCHGUARD - WE'VE GOT YOU COVERED!

From indoor remote workspaces or a small office to rugged, expansive outdoor environments - WatchGuard has a range of Wi-Fi 6 access points to fit every wireless need. WatchGuard's Wi-Fi management license options enable capabilities that support the business needs being faced today and offer the flexibility to evolve alongside the wireless needs of tomorrow.

#### MANAGEMENT LICENSE OPTIONS

| FEATURE                                     | STANDARD WI-FI | UNIFIED SECURITY PLATFORM™ WI-FI |
|---|----------------|----------------------------------|
| Native WatchGuard Cloud Management Features | ✓              | ✓                                |
| 24/7 Support and Hardware Warranty          | ✓              | ✓                                |
| Inventory Management                        | ✓              | ✓                                |
| SSH/CLI Access                              | ✓              | ✓                                |
| Configuration of Radio Settings             | ✓              | ✓                                |
| Configuration of SSID                       | ✓              | ✓                                |
| Configuration of Device Settings            | ✓              | ✓                                |
| Firmware Updated                            | ✓              | ✓                                |
| 24-Hour Reporting/Visibility                | ✓              | ✓                                |
| Live Status Visibility                      | ✓              | ✓                                |
| WatchGuard Cloud API Integration for PSA    | ✓              | ✓                                |
| AP Site Templating                          | ✓              | ✓                                |
| Captive Portal                              | ✓              | ✓                                |
| Syslog Server Output                        |                | ✓                                |
| IKEv2 VPN Features (RAP)                    |                | ✓                                |
| 30-Day Reporting/Visibility                 |                | ✓                                |
| Future WatchGuard Portfolio Integrations    |                | ✓                                |
| Future Security and Wi-Fi Features*         |                | ✓                                |

\* Features included in the Unified Security Platform license will be determined by WatchGuard. Some features may require additional products from WatchGuard to work.

For additional details, talk to your authorized WatchGuard reseller or visit [www.watchguard.com/wifi](http://www.watchguard.com/wifi).

#### About WatchGuard Technologies, Inc.

WatchGuard® Technologies, Inc. is a global leader in network security, endpoint security, secure Wi-Fi, multi-factor authentication, and network intelligence. The company's award-winning products and services are trusted around the world by more than 18,000 security resellers and service providers to protect more than 250,000 customers. WatchGuard's mission is to make enterprise-grade security accessible to companies of all types and sizes through simplicity, making WatchGuard an ideal solution for midmarket businesses and distributed enterprises. The company is headquartered in Seattle, Washington, with offices throughout North America, Europe, Asia Pacific, and Latin America.

To learn more, visit [WatchGuard.com](http://WatchGuard.com).

### AP430CR

