

AP430CR Outdoor Access Point



IP67 rated enclosure, 4x4 OFDMA, Wi-Fi 6 support, dedicated 2x2 scanning radio 6 N-Type connectors, 5 GbE port, 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. Supports up to six external antennas (not included) to deliver a maximum TX power of 23 dBm. Hardware includes one Ethernet port that supports up to 5 Gbps and PoE+.

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+ port supporting up to 5 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



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+

Wi-Fi Specifications – Frequency, Modulation, and Data Rates

IEEE 802.11b/g/n/ax			
Frequency Band	Scanning	Transmission	
	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			
Frequency Band	Scanning	Transmission	
	All regions	USA & Canada (FCC/IC)	Europe (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 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 Updates	✓	✓
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.

About WatchGuard Technologies, Inc.

WatchGuard Technologies is a global leader in unified cybersecurity, purpose-built for managed service providers (MSPs). For more than 30 years, WatchGuard has defined how MSPs deliver security at scale, continuously innovating to stay ahead of every major shift in the threat landscape. WatchGuard's AI-powered Unified Security Platform® delivers zero trust-aligned network, endpoint, and identity protection in a single, integrated platform, enabling MSPs to reduce operational complexity, improve security outcomes, and grow their businesses more efficiently. Trusted by more than 25,000 MSPs protecting over 1.5 million customers worldwide, WatchGuard enables partners to deliver strong, measurable security outcomes for customers across the globe. Learn more at WatchGuard.com.

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