H3C WX3820X Wireless Controller

For midsize campus deployments

Product overview

H3C WX3800X Series Wireless Controllers are equipped with the H3C Comware system platform, boasting five core advantages: modular architecture, high scalability, ultra-large capacity, high reliability, and rich service capabilities. By means of deep integration with the H3C Intelligent O&M Platform, this series of controllers can deliver an unparalleled high-quality wireless experience, precisely meeting the ever-growing business needs of customers. Meanwhile, leveraging the AI capabilities of the Intelligent O&M Platform, they deliver intelligent problem analysis and in-depth insights, and automatically execute complex O&M tasks, and comprehensively ensure an optimal user experience.

The controller can manage up to 768 access points (APs) and deliver up to 20 Gbps forwarding performance.

Views

WX3820X	WX3820X

Features and highlights

X series AC with Powerful Capabilities

H3C X series Wireless Controllers are specifically designed for demanding users, corely delivering secure, highly resilient, and high-performance Wi-Fi connectivity—accurately meeting the rigorous wireless experience requirements of enterprise-grade scenarios.

H3C X Series ACs support both Wi-Fi 6 and Wi-Fi 7 APs, and can either operate independently or work in collaboration with H3C intelligent O&M platform. They seamlessly integrate with H3C Cloudnet cloud deployment platform and AD-Campus on-premises platform — both featuring intelligent automated management, AI-driven insights, and unified infrastructure control capabilities. With these two flexible deployment choices, users can effortlessly implement full-lifecycle management of Wi-Fi devices, maximizing intelligent O&M efficiency and ultimately meeting the diverse application scenario needs of various enterprises.

WX3820X Key Features

The WX3820X is a high-performance wireless controller with the ability to support up to 768 access points and 15360 clients with up to 20 Gbps of maximum throughput. Additionally, it has 2 x SFP+ ports available to meet high throughput demands of 6GHz wireless networks.

WX3820X adopts the latest high performance multi-core CPU. WX3820X CPU possesses 8 independent cores that can be virtualized to 32 logical cores, The strong computing power allows the devices to handle more users, more concurrent transactions, decrease latency in order to improve user experience.

AP Management

In addition to 802.11a/b/g/n/ac/ax AP management, the WX3820X can work together with H3C 802.11be based APs to provide wireless access speed several times faster than a traditional 802.11a/b/g/n/ac/ax network. With 802.11be large proximity which makes WLAN multimedia applications deployment a reality.

High Availability

High Availability Enabled: 1:1 Active-Standby Stateful Switchover and N+1 Redundancy ensure non-stop network, services & client connectivity—no matter unplanned events.

Cloud Cluster is a virtualization technology independently developed by H3C. Its core idea is to connect multiple devices and virtualize them into a single device to combine their hardware resources and software capabilities. This achieves collaboration, unified management, and service non-interruption (when one device fails, the others seamlessly take over services, ensuring no impact on services).

The configuration synchronization of the cloud cluster includes: batch synchronization during initialization and real-time synchronization during stable operation. The master is responsible for synchronizing user configurations to each standby device to ensure a high degree of uniformity in the settings of devices within the cloud cluster.

Cloud Cluster supports the use of ARP MAD, ND MAD, BFD MAD, and LACP MAD mechanisms to detect and handle conflicts caused by cloud cluster splits.

Cloud Cluster use device-level backup, link-level backup, and protocol hot backup technologies to ensure high reliability of the cloud cluster system.

In-Service Software Upgrade (ISSU)

WLAN ISSU cuts wireless service disruptions during software upgrades, boosting network continuity and stability to deliver seamless, top-tier user experiences.

Intelligent AP upgrades

APs automatically discover the AC and establish Capwap tunnel connection once powered on. If the AP's software version is incompatible with the AC's, it automatically downloads the corresponding version from the AC and finishes the upgrade independently.

The AC supports phased intelligent AP upgrades, allowing for either individual AP upgrades or unified upgrades for AP group members. Intelligent upgrade technology eliminates full network restart requirements.

Hot-Patched Software Upgrades

Hot patching is a preferred solution for rapidly fixing product software defects at low cost, enabling repairs without restarting the device or disrupting ongoing services.

AP license synchronization

Two ACs in the cloud cluster share the AP licenses. An AP license installed on one AC can be used by the other AC. AC1 has N licenses installed; AC2 has M licenses installed. After AC1 and AC2 form a cloud cluster, the cloud cluster has N+M licenses. After AC1 fails or disconnects in the cloud cluster, AC2 still possesses N+M licenses to provide time for AC1 repair, allowing up to N+M APs to connect. If AC1 is disconnected for more than 30 days, AC2 cannot use the licenses on AC1 and can allow only M APs to connect.

Wireless Security

The ACs support WPA2-Personal, WPA2-Enterprise, WPA3-Personal, WPA3-Enterprise authentication and encryption modes to ensure security of the wireless network.

The CAPWAP link protection and DTLS encryption provide security assurance, improving data transmission security between the AP and the AC.

Wireless Intrusion Detection and Prevention Systems (WIDS / WIPS)

The AC offers comprehensive security capabilities: blacklisting, whitelisting, rogue device defense, bad packet detection, unauthorized user removal, and signature-based MAC layer attack detection (covering DoS, Flood, and man-in-the-middle attacks). It enables real-time monitoring, identification, defense, counteraction, and refined management of rogue devices, safeguarding the network against unauthorized access from Rogue APs, Rogue Clients, Rogue Wireless Bridges, and Ad-hoc Networks and delivering robust security for the air interface environment and wireless data transmission.

Secure infrastructure

Trusted systems built on H3C Secure Boot provide a strong security foundation for H3C products.All device software compilations utilize RSA asymmetric encryption to ensure the integrity and authenticity of firmware and boot programs. The basic boot code in tamper-resistant partitions establishes a Root of Trust, and forms a Chain of Trust by verifying subsequent stages to enable secure system boot and validate software trustworthiness, thus effectively defending against man-in-the-middle attacks targeting software and firmware.

Wireless Smart Roaming

Support intra-AC roaming, cross-AC roaming, and cross-VLAN Layer 3 roaming.

Support 802.11k/v/r fast roaming protocols.

Support Portal roaming and 802.1X roaming.

Client reassociation — this feature enables an AP to send unsolicited deauthentication frames to a client when the client's signal strength is lower than the specified RSSI threshold. Then, the client can reassociate with the original AP or roam to another AP.

Intelligent Channel Switching

There are many possible interference sources that can affect the normal operation of APs in a WLAN, such as rogue APs, radars and microwave ovens. The intelligent channel switching technique can ensure the allocation of an optimal channel to each AP, thereby minimizing adjacent channel interference. Besides, the real-time interference detection function can help keep APs away from interference sources such as the aforementioned radars and microwave ovens.

Intelligent AP load balancing

The intelligent AP load balancing function can analyze the locations of wireless clients in real time, dynamically

determine which APs at the current location can share load with one another, and implement load balancing among these APs. In addition to load balancing based on the number of online sessions, the system also supports load balancing based on the traffic of online wireless users.

The system supports the automatic SSID hiding function based on radio resource utilization. When radio resources reach or exceed the configured threshold, the SSID is automatically hidden to provide users with stable and reliable wireless services.

Flexible Forwarding Modes

In a wireless network using centralized forwarding mode, all wireless traffic is sent to an AC for processing, and thus the AC's forwarding capability may become a bottleneck. This is especially true for wireless networks where APs are deployed at branches, ACs at headquarters, and APs and ACs are connected over a WAN. In this scenario, distributed forwarding is more suitable. The WX3820X supports both distributed and centralized forwarding modes, and it can configure SSID-based forwarding as needed.

Radio Resource Management

Radio Resource Management (RRM), the AP monitors air interface channel utilization, channel interference, and signal conflict in real time, and works with H3C intelligent O&M platform to adjust RF parameters such as working channel, bandwidth, and power in a timely manner to maintain the optimal RF resource status.

Station Access Control Policy

The Station Access Control Policy (SACP) restricts, controls, and guides the access of wireless terminals to better AP or wireless services. In addition, terminal traffic is controlled and scheduled according to network applications to improve the overall performance of the wireless network and improve the experience and effect of wireless access applications.

Roaming protection

Wireless AP fully supports the Fast BSS Transition function defined in the 802.11r standard, which can accelerate the roaming process of wireless users, reduce the probability of connection interruption, and improve the roaming service quality. Through 802.11k protocol mechanism, AP and wireless client interact with each other to perceive the network topology in multiple dimensions. The AC recognizes and calculates the roaming time and roaming access location of the wireless client in full view, and negotiates the switch with the client through 802.11v and 802.11r mechanisms.

Application guarantee

Coupled with WX3820X, the APs can identify a large number of common applications in various office scenarios. Based on the identification results, policy control can be implemented on user services, including priority adjustment, scheduling, blocking, and rate limiting to ensure efficient bandwidth resource and improve quality of key services.

H3C Cloudnet Cloud-Based Deployment and Management

H3C WX3820X can collaborate with H3C Cloudnet Platform. If WX3820X is combined with the H3C Cloudnet Platform, enterprises can thus achieve unified monitoring and management of wired and wireless networks, and obtain an integrated operation and maintenance experience. The Cloudnet Platform is equipped with an intuitive and interactive web interface and advanced, scalable management tools. It adopts a fully distributed architecture, enabling comprehensive management of network, terminal, user, and service activation functions.

H3C AD-Campus On-Premises Deployment and Management

H3C WX3820X can collaborate with H3C AD-Campus platform. If WX3820X is combined with the H3C AD-Campus platform, enterprises can achieve unified monitoring and management of wired and wireless networks, and obtain an integrated operation and maintenance experience.The AD-Campus platform is equipped with an intuitive, user-friendly web interface, supports network control, and provides a unified view of the network topology while enabling policy-based network management.

Smart WebUI

The AC supports two Web access methods: HTTP and HTTPS. Users can easily select function menus in the navigation bar to view the device's current status and statistical information in real time, including logs, current AP information, system utilization, wireless services, clients, interface traffic, and other system data.

API-driven configuration

The AC supports powerful open APIs via the Network Configuration Protocol (NETCONF), injecting high efficiency and flexibility into network operation, maintenance, and integration scenarios. Leveraging these protocol-based open APIs, the AC breaks the closed nature of device management, providing standardized access interfaces for third-party systems, automation tools, and custom platforms.

Technical specifications

Hardware specifications

Item	Specification
Weight	9kg (installed with dual power supplies)
Dimensions (W × D × H)	440 mm × 435 mm × 44 mm

Item	Specification
Interface	Fixed: 8 × GE ports 8 × SFP ports Expandable to: 8 × GE ports 2 × SFP+ ports Note: EWPXM1XG03 Expansion Module (8*GE+2*SFP+)
Console port	1 x Out-of-Band Management Interface (OOBM)
USB port	2 x USB 2.0
Throughput	20Gbps
Power supply	Pluggable power supply 1 + 1 redundant backup Support AC or DC (sold separately)
Power consumption	36W to 132.7W
Modulation technology	802.11b: Direct-sequence spread spectrum (DSSS) 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM) 802.11ax/be: Orthogonal frequency-division multiple access (OFDMA)
Modulation mode	11b: BPSK, QPSK, CCK 11a/g/n: BPSK, QPSK, 16QAM, 64QAM 11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
Data rates (Mbps)	802.11b: 1, 2, 5.5, 11 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 802.11n: 6.5 to 600 (NSS = 1 to 4, HT20 to HT40) 802.11ac: 6.5 to 6,933 (MCS0 to MCS9, NSS = 1 to 8, VHT20 to VHT160) 802.11ax: 7.3 to 9,608 (MCS0 to MCS11, NSS = 1 to 8, HE20 to HE160) 802.11be: 7.3 to 23,059 (MCS0 to MCS13, NSS = 1 to 8, EHT20 to EHT320)
Reset button	Restoration to factory default
Fan	Internal fans
Indicators (LED)	LEDs corresponding to different operating states indicate the boot loader status, system status, port status, power module status, and system fault status
Temperature	Operating temperature: 0°C to +45°C Storage temperature: –40°C to +70°C
Humidity	Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)

Item	Specification
Protection class	IP20
Operating Altitude	5000 meters
Safety standards	FDA 21 CFR Subchapter J GB 4943.1 UL 62368-1 CAN/CSA C22.2 No 62368-1 IEC 62368-1 EN 62368-1 AS/NZS 62368-1
EMC standards	EN 55032 EN 55035 EN IEC 61000-3-2 EN 61000-3-3
	CISPR 32 CISPR 35 GB/T 9254.1 GB/T 9254.2 GB 17626.1 GB 17626.2
	IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-8 IEC 61000-4-11 ETSI EN 300 386
MTBF (25°C)	83 years
MTTR	1 hours

Software specifications

Item		Specification
Product capabilities	Basic information	Support 802.11a/b/g/n/ac/ac Wave 2/ax/be
	AC Operating Mode	AC Mode, managed by H3C intelligent O&M platform
	Supported Wireless AP	H3C WA6300, WA6500, WA6600, WA7600, WA7500, WA7300, WA7200 Series AP

Item		Specification
	Number of managed APs by default	0
	Maximum number of access points	768
	Maximum number of clients	15360
	Maximum throughput	Up to 20 Gbps
	Maximum VLANs	4094
	Maximum MACs	15360
	Maximum AP Groups	512
	Maximum SSIDs	768
	Maximum BSSIDs	12288
	Maximum static blacklists	15360
	Maximum whitelist	15360
	Maximum rules of ACL	15360
	Maximum DHCPv4 allocable Addresses	30720
	Maximum DHCPv6 allocable Addresses	30720
	Maximum Sessions	1536000
	Maximum NAT Sessions	1536000
Tunnel management	CAPWAP tunnel	Unicast/broadcast/DNS/DHCP/static IP method for discovering AC
	NAT	NAT between AC and AP
	DTLS	Tunnel between AC and AP support DTLS encryption
	IPv4/IPv6	Tunnel between AC and AP support IPv4 and IPv6
	Time synchronization	Synchronizing clock information from AC
	Dual tunnel	Establishing CAPWAP tunnels with two ACs
WLAN extension	RF adjustment	Automatic channel/power/bandwidth adjustment
	SSID hiding	Restrict access and improve wireless network security by SSID hiding
	Limit the number of connected users	User access count restriction based on SSID and RF
	Forwarding mode	Centralized forwarding/local forwarding/policy forwarding
	Local forwarding	Local forwarding based on SSID and VLAN
	VLAN binding	Binding VLAN based on interface/SSID/MAC
	User isolation	VLAN-based user isolation SSID-based user isolation

Item		Specification
	Load balancing	Traffic-based load balancing User-based load balancing Frequency band-based load balancing, dual-5G devices only
	Band steering	Help 6G capable clients migrate from 5G to 6G radios. Wi-Fi 6E and Wi-Fi 7 clients are automatically directed to the 6G radio to leverage its benefits, while freeing up 2.4G and 5G radios for legacy clients
	Roaming	802.11k and 802.11v smart roaming 802.11r fast transition roaming
	Multicast enhancement	IPv4/IPv6 MLD Snooping/IGMP Snooping Convert multicast data into unicast data for transmission, reducing network congestion
	Wireless location	Fit AP mode support BLE location Fit AP mode support RSSI location
	Mesh	Mesh link Mesh link security Multi-hop Mesh
	Wireless probing	Monitor the wireless network environment by monitoring wireless network messages
	Hotspot 2.0	Fit AP mode support Hotspot 2.0
	BYOD	Identifies device types according to the OUI in the MAC address Identifies device types according to the user agent (UA) field in an HTTP packet Identifies device types according to DHCP Option information
	Bonjour gateway	Forwarding mDNS packets across VLANs
User authentication	802.1X authentication	Local and remote 802.1X authentication
	MAC authentication	Local and remote MAC authentication
	Portal authentication	Local and remote Portal authentication Guest/Captive portal Portal mac-trigger
	PSK	Support PSK and Private-PSK Support Multiple SSIDs and multiple PSKs Each SSID use a unique PSK password
	PPSK	Fit AP mode support Private Pre-Shared Key, obtain passwords to access wireless networks through the H3C intelligent O&M platform
	Social Media APPs Authentication	Support Google/Facebook/Twitter through the H3C intelligent O&M platform

Item		Specification
	Extensible Authentication Protocol (EAP)	EAP-Transport Layer Security (EAP-TLS) EAP-Tunneled TLS (EAP-TTLS) Protected EAP (PEAP) v0 or EAP-MSCHAP v2 EAP-Challenge Handshake Authentication Protocol (EAP-CHAP) EAP-Subscriber Identity Module (EAP-SIM) EAP-Authentication and Key Agreement (EAP-AKA) PEAP v1 or EAP-Generic Token Card (EAP-GTC) EAP-Flexible Authentication via Secure Tunneling (EAP-FAST) EAP-MD5 Microsoft Challenge Handshake Authentication Protocol (MSCHAP) v2 EAP-Pre-Shared Key (EAP-PSK)
Wireless security	Encryption	TKIP, CCMP WEP40, WEP104 WPA2-Personal (802.11i) WPA2-Enterprise with 802.1X WPA3-Personal, WPA3-Enterprise WPA3-Enhanced Open (OWE) Advanced Encryption Standard (AES)
	WPA/WPA2 authentication and encryption	WPA/WPA2-PSK+TKIP WPA/WPA2-PSK+CCMP WPA/WPA2-802.1X+TKIP WPA/WPA2-802.1X+CCMP WPA/WPA2-PSK+TKIP-CCMP WPA/WPA2-802.1X+TKIP-CCMP
	Forwarding security	Packet filtering MAC address filtering Broadcast storm suppression
	Wireless EAD	Coupled with EAD (End user Admission Domination) solution, implement security policies for terminals accessing the network to improve wireless network security
	Management frame protection	Provide management frame protection for wireless clients to enhance wireless network security
	WIPS	Wireless Intrusion Prevention System, protect the network from unauthorized access, such as Rogue AP, Rogue client, Rogue Wireless Bridge, Ad-hoc
	IPSG	IP source guard (IPSG) prevents spoofing attacks by using an IPSG binding table to filter out illegitimate packets
Layer 2 and Layer 3	IP address configuration	Static IP, DHCP assigned IP
	Ethernet	Link aggregation, Port isolation, Loop detection, Port mirroring, Storm suppression

Item		Specification
	DHCP	DHCP server, DHCP Relay, DHCP Client, DHCP Snooping
	DNS	DNS client, DNS proxy, DNS fast-reply, DNS Snooping
	VLAN	Default VLAN, Port-based VLAN Access mode, trunk mode, and hybrid mode
	VLAN Pool	A VLAN group supports adding multiple VLAN lists
	MAC	Static MAC, Dnamic MAC, Blackhole MAC
	ARP	Static ARP, Dynamic ARP, Gratuitous ARP Proxy ARP, ARP snooping, ARP fast-reply, ARP suppression
	NAT	Static NAT, NAT66, NAT LOG
	LLDP	Link Layer Discovery Protocol, discovering and identifying other LLDP enabled devices and neighboring devices in the network
	STP	Spanning Tree Protocol STP, RSTP, PVST, MSTP
	IP routing	Static routing, OSPFv2, Policy-based routing
	IP Multicast	MLD Snooping, IGMP Snooping
	ACL	Basic ACL, Advanced ACL, Layer 2 ACL
	QoS	Qos policy, Priority mapping, Traffic policing, Priority marking
	VPN	Gre, L2TP, SSL VPN, IPsec VPN
	IPv4	ICMP/ACL/DHCP/TFTP/FTP/DNS
	IPv6	ICMP/ACL/DHCP/TFTP/FTP/DNS
Service assurance	Remote AP	After the tunnel between AC and AP is disconnected, AP continues to provide services to clients
	Doctor AP*	Fit AP mode support Doctor AP, simulates wireless client access process, diagnoses network issues, and improves network experience
	Spectrum Analysis	Displaying the non-Wi-Fi interference sources through the H3C intelligent O&M platform
	Only 802.11ax accessing	Only wireless clients that support 802.11ax can access the network, improving the network experience
	Intelligent bandwidth guarantee	Ensure that different wireless services can obtain the lowest guaranteed bandwidth during network congestion
	Port Aggregation	Multiple uplink ports for port aggregation to increase uplink bandwidth (only applicable to multiple uplink port APs)
	Broadcast suppression	Discard ARP request and response packets from wireless clients during the suppression cycle
	Prohibit weak signal client access	AP prohibits wireless clients with signals below the threshold from accessing, to avoid low-signal clients occupying more channel resources
	Terminal roaming navigation	Adjust the AP transmission power to create more roaming conditions and improve the roaming experience
	Actively triggering client relinking	AP actively sends messages to allow wireless clients to reconnect or roam actively

Item		Specification
	Adjust channel reuse between APs	RF chip adjusts the environmental noise perceived by the device to improve AP transmission efficiency
	Fast forwarding function for client data services	Intelligent optimization of RF chip business processing can improve performance
	Shorten client sleep time	RF chips shorten client sleep time and improve transmission efficiency through beacons
	Software version anomaly repairing	After the software version is damaged due to abnormal circumstances, AP can automatically download the available software version through AC or cloud platform
Service quality	WMM	Wi-Fi Multimedia, Improve the service quality of audio and video transmission in wireless networks through EDCA scheduling algorithm
	QoS	Priority Class, by marking TOS/DSCP fields to distinguish data streams with different priorities, high priority data streams can be quickly distributed, thereby improving service quality Priority Class, support mapping from wireless priority to wired priority QoS policy mapping, support QoS policy mapping based on SSID and VLAN Layer 2 to Layer 4 packet filtering and traffic classification CAR (Committed Access Rate), by limiting data transmission rate, avoid network congestion caused by traffic congestion
	User bandwidth management	Allocate available bandwidth per STA Allocate total bandwidth for all STA shares based on SSID Dynamically adjust the available bandwidth of STA based on business
	ATF	Air Time Fairness, by allocating an equal amount of RF usage time, reducing wireless channel congestion and improving the efficiency and fairness of wireless networks
	CAC	Call Admission Control, improve the quality of service for wireless clients that have already received high priority by limiting the number of wireless clients that have received high priority Support number of users/Channel utilization based
	Application Identification	SQA (Software Quality Assurance), identifies audio and video services based on SIP protocol, prioritizing service quality assurance UCC (Unified Communications and Collaboration), increase the processing priority of audio and video services and prioritize ensuring service quality
High availability (HA)	Cloud Cluster backup	1:1 active standby (hot backup) Cloud Cluster is a virtualization technology independently developed by H3C. Its core concept is to connect multiple devices and virtualize them into a single logical device, integrating their hardware resources and software capabilities. This enables collaboration, unified management, and service continuity — when one device fails, the other devices seamlessly take over services, ensuring no service impact Redundancy with configuration and status synchronization, stateful switchover in case of failure, stateful switchover for logged-in wireless users

Item		Specification
	Dual-link backup	1:1 Master/backup To ensure high availability, deploy two ACs in a master-backup configuration: assign a higher AP connection priority to the master AC for APs, and enable tunnel preemption on the master AC. This deployment enables automatic AC failover and service switchback, making it suitable for scenarios that require a certain level of service availability but not extreme zero-interruption
	N+1 backup	N+1 backup is an extension of master/backup. It requires two to four ACs
	Remote AP	The Remote AP feature enables the AP to continue providing services for clients after the tunnel between the AP and AC is disconnected
Management and maintenance	GUI	Support WEB management via HTTP/HTTPS
	SNMP	Support SNMP V1/V2c/V3
	RESTful	Support RESTful via HTTP/HTTPS
	Netconf	Support Netconf provides programmable and scalable methods to manage network devices
	MIB	RFC 1213 MIB-II Stands for Management Information Base RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP) H3C private MIBs
	Remote debugging	SSH V2.0/Telnet/FTP/TFTP
	Local debugging	Support CLI
	Information maintenance	Support Syslog
	Secure boot	Supporting firmware protection, ensuring the integrity of the subsequent running program codes through the trusted Boot-Loader, forming a trusted device boot chain
IEEE standards	802.11	IEEE 802.11a/b/g/n/ac/ac Wave 2/ax/be IEEE 802.11d/e/h/i/w/u IEEE 802.11k/v/r
Wi-Fi certified	Wi-Fi Alliance: Wi-Fi 7, Wi-Fi 6E, Wi-Fi 6, WMM, WPA, WPA2 and WPA3 – Enterprise, Personal (SAE), Enhanced Open (OWE)	

- The features marked with * can be implemented through software upgrade.
- The options may be different depending on the specific requirement. Restrictions and limitations may apply. To confirm availability, refer to related user guide or visit H3C website https://www.h3c.com/en/home/htb/.

Ordering information

Product code	Description
EWP-WX3820X	H3C WX3820X Access Controller
EWPXM1XG03	H3C WX3500X Ethernet Interface Expansion Module (8GE+2*SFP+) optional

Product code	Description
PSR250-12A1-D	250W AC Power Module
LIS-WX-1-BE	Enhanced Access Controller License, 1 AP
LIS-WX-4-BE	Enhanced Access Controller License,4 APs
LIS-WX-8-BE	Enhanced Access Controller License,8 APs
LIS-WX-16-BE	Enhanced Access Controller License,16 APs
LIS-WX-32-BE	Enhanced Access Controller License,32 APs
LIS-WX-64-BE	Enhanced Access Controller License,64 APs
LIS-WX-128-BE	Enhanced Access Controller License,128 APs
LIS-WX-512-BE	Enhanced Access Controller License,512 APs
LIS-WX-1024-BE	Enhanced Access Controller License,1024 APs
SFP-GE-LX-SM1310-D	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)
SFP-GE-LX-SM1310-A	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)
SFP-GE-SX-MM850-D	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC)
SFP-GE-SX-MM850-A	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC)
LSWM3STK	SFP+ Cable 3m
SFP-XG-LX-SM1310-D	SFP+ Module (1310nm,10km, LC)
SFP-XG-SX-MM850-D	SFP+ Module (850nm,300m, LC)

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