



# | H3C Wi-Fi 6 Products

# Milestone of H3C Wi-Fi 6



**Premiered Worldwide on August 8, 2017**  
The First Wi-Fi 6 AP in the world.

Release 11 Wi-Fi 6 models in 2020



**2017**                      **2018**                      **2019**                      **2020**                      **2021**

The world's first Wi-Fi 6 phone has been released.

More than 200 terminals worldwidesupport Wi-Fi 6.

# H3C Wi-Fi 6 Adopts the Most Advanced Technology

**Large Capacity High Bandwidth** → **9.6Gbps**

- 100% Improvement: 160MHz
- 25% Improvement: 1024QAM

**Schedulable and Efficient** → **1536 Terminals**

- 200% Improvement: MU-MIMO
- 63% Improvement: OFDMA

**Low Latency Low Power Consumption** → **<30ms**

- 76% Conflict Reduction: Spectrum Reuse
- 7x Battery Savings: Target Wake Time (TWT)

# H3C Wi-Fi 6 Enhanced Technology



## Strong Signal

Smart Antenna Array  
Software-Defined RF



## High Efficiency

Channel Reuse  
OFDMA, MU-MIMO  
RROP, SACP



## Extraordinary Performance

End-to-End Guarantee,  
AC Hardware Acceleration

# H3C Wi-Fi 6 Highlights

## WA6630X



- Outdoor High Density Master
- Tri-radio Wi-Fi 6, 10 streams
- 1536 terminals access
- Speed up to 5.3Gbps
- Connecting everything, leading chain IoT deployment
- 10GE multi-rate uplink
- IP68
- Embedded RFID\BLE5.0

## WA6638



- High Density Expert
- Tri-radio Wi-Fi 6, 12 streams
- 1536 terminals access
- Speed up to 6Gbps
- Connecting everything, leading chain IoT deployment
- 10GE multi-rate uplink
- Embedded RFID\BLE5.0

## WA6628



- Indoor Flagship
- Dual-radio Wi-Fi 6, 12 streams
- 1024 terminals access
- Speed up to 6Gbps
- 10GE multi-rate uplink
- Embedded RFID\BLE5.0

### WA6636



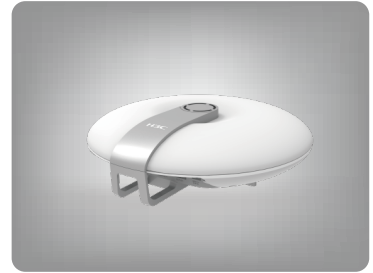
- Smart Tri-radio
- Tri-radio Wi-Fi 6, 8 streams
- 1024 terminals access
- Speed up to 6Gbps
- 3rd radio for Scan RF
- 5GE multi-rate uplink
- Connecting everything, leading chain IoT deployment
- Embedded RFID\BLE5.0

### WA6330



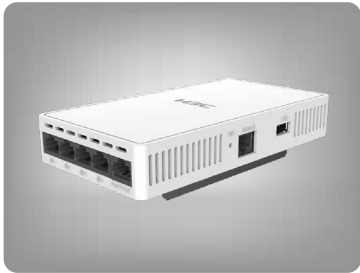
- Extremely Cost-Effective
- Tri-radio Wi-Fi 6, 6 streams
- Tri-5G mode
- 1280 terminals access
- Speed up to 3.267Gbps
- Connecting everything, leading chain IoT deployment
- 2.5GE multi-rate uplink
- Embedded RFID\BLE4.0

### WA6622



- Middle-end Classic
- Dual-radio Wi-Fi 6, 6 streams
- 1024 terminals access
- Speed up to 2.975Gbps
- 5GE multi-rate uplink
- Embedded RFID\BLE5.0

### WA6320H



- Wall-Plate Scenario
- Dual-radio Wi-Fi 6, 4 streams
- 1024 terminals access
- Speed up to 1.775Gbps
- 2 pass-through ports
- 5\* GE ports
- Embedded RFID\BLE5.0

### WA6320



- Extremely Cost-Effective
- Dual-radio Wi-Fi 6, 4 streams
- 1024 terminals access
- Speed up to 3.267Gbps
- Embedded RFID\BLE5.0

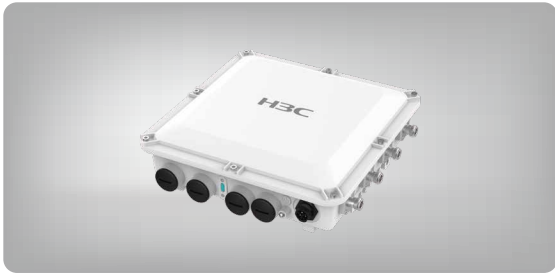
### WA6620X



- Outdoor Classic
- Dual-radio Wi-Fi 6, 4 streams
- Speed up to 1.775Gbps
- External antenna & internal antenna
- IP 67
- Embedded RFID\BLE5.0

## The Industry's Exclusive Railway Wi-Fi 6

WA6628X



- For Railway-Outdoor Use
- Dual-radio Wi-Fi 6, 12 streams
- Speed up to 6Gbps
- External antenna
- MLSP high-speed link switching technology at 160 KM/h
- Ultra-low packet loss rate in high-speed switching scenarios<0.1%
- Ultra-low latency in high-speed switching scenarios<10ms

WA6628E-T



- For Railway-Indoor Use
- Dual-radio Wi-Fi 6, 12 streams
- Speed up to 6Gbps
- External antenna
- MLSP high-speed link switching technology at 160 KM/h
- Ultra-low packet loss rate in high-speed switching scenarios<0.1%
- Ultra-low latency in high-speed switching scenarios<10ms

## H3C Wi-Fi 6 Products Family

### High Density



WA6638



WA6636



WA6330

### Outdoor



WA6630X



WA6620X

### Panel



WA6628



WA6622



WA6320



WA6320H

### Railway



WA6628X



WA6628E-T

## **Contact Us**

---

### **Beijing Headquarters**

Address: Tower 1, LSH Center, No.8 Guangshun South Street,  
Chaoyang District, Beijing, PR CHINA  
Zip Code: 100102

### **Hangzhou Headquarters**

Address: No.466 Changhe Road,  
Binjiang District, Hangzhou, Zhejiang Province, PR CHINA  
Zip Code: 310052



**Copyright ©2020 H3C. All rights reserved.**

Disclaimer: H3C endeavors to provide accurate information in this brochure. Nevertheless, there may be technical errors and/or typos. H3C assumes no responsibility for any inaccuracy of information that may contain in this brochure. H3C retains the right to modify the contents contained herein without any prior notice or prompt.

customer service hotline  
400-810-0504



[www.h3c.com/en/](http://www.h3c.com/en/)