

1200Mbps Dual Band Wall Mount Wireless AP With Telephone Port

W5-W1200 is 11ac Wi-Fi standard, Dual Band, Wall mount style wireless access point upgrade to the latest wireless-AC technology, combined with 1200 Mbps Wi-Fi speed over 2.4GHz (300 Mbps) and 5GHz (900 Mbps) and dual band with embedded PoE Support. The AP can practically support more than 60 client devices. This mode is suitable for deployments options for hotel, hospitals, small meeting rooms, small offices or similar requirements.

FIT / FAT OPERATION MODE

W5-W1200 support FIT and FAT operation modes

In FIT Mode the AP work with the WLAN Controller, supports plug and play deployment, centrally monitored and management by the WLAN Controller, mostly for enterprise applications.

In FAT Mode the AP work in the standalone configuration and support operational modes as Access Point, Repeater, Gateway, WISP. The AP can be configured by GUI. This mode is suitable for home use or very few AP deployment scenarios.

WIRELESS AC TECHNOLOGY, MORE USERS

The W5-W1200 AC dual band wall mount Wireless Access Point comes with Gigabit Ethernet WAN port, offers 802.11ac technology with 1200Mbps data rate for seamless/smooth video and music streaming. More users including computers, Internet-ready TVs, game consoles, and other Wi-Fi devices can access into this wireless networking.

DUAL BAND, 5G PRIORITY, LESS INTERFERENCE

Double your network bandwidth with Dual-Band AC (2.4G and 5G) and 5G priority, designed to help avoid interference and maximize throughput.

POWER OVER ETHERNET

W5-W1200 AC AP has integrated IEEE 802.3af Power over Ethernet (PoE). Transporting both power and data across a single ethernet cable ease the installation and lower the cost. This can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.



BUILT IN WI-FI CHANNEL ANALYSIS TOOL FOR BEST CHANNEL

Build in Smart Channel Analysis Tool, help to select the less Wi-Fi Interference channels, ensure the stability wireless signal.

ZERO CONFIGURATION AND CLOUD MANAGEMENT SYSTEM

Support FIT / FAT AP together, work with WLAN Controller, zero configure in IP address, ESSID, Channel, Password, upgrade firmware, backup and restore.

Then the WLAN controller can access into Cloud Management System, easy to make administrator access it, to do remote monitoring / management at any time and any place, make this AP and WLAN controller more professional and cost saved in Wi-Fi Projects.

Key Features

- Comply with IEEE 802.11ac/b/g/n, dual band, 1200 Mbps Data Rate, 11ac 2x2 MIMO Technology, 1*WAN and 2*LAN Gigabit Ethernet Ports to meet with different customer's request.
- Support active IEEE 802.3af 48V PoE standard.
- Support SSID broadcasting, Multi SSID up to 8 (4 SSID in 2.4GHz, 4 SSID in 5GHz).
- Support Gateway (PPPOE, static IP, dynamic IP), Wireless AP, Repeater, WISP operation mode in FAT AP
- With function of Built-in basic firewall, IP, URL & MAC Filter
- Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment

SPECIFICATION

HARDWARE FEATURES

Chipset

- QCA9563 + QCA9886 + QCA8337

Flash

- 16M Flash

DDR

- 128M DDR

Interface

- 1 * 10/100/1000Mbps WAN port
- 2 * 10/100/1000Mbps LAN ports
- 1 * RJ11 port (Bypass for Telephone)

Power Supply

- 48V PoE, IEEE 802.3af standard

Max Power Consumption

- < 8W

Dimensions (W x D x H)

- 86*86*35mm

Antenna Type

- Built in dual band (2.4GHz & 5.8GHz) Omni
- Gain - 2dBi
- Impedance - 50 Ohms nominal

MANAGEMENT

System Settings

- Web-based configuration (HTTP/Telnet)

Firmware Upgrade

- Upgrade firmware via web browser or TFTP

Administration

- Admin Password can be configured

System Monitoring

- Watch dog, Status in hand, useful statistic and Event log

Logs

- Supports local logs, logs host, logs file export

Reset

- Reset or factory defaults

Backup

- Restore settings & configuration of the device to local file, Scheduled reboot

WIRELESS FEATURES

Wireless Standards

- 802.11 a/b/g/n/ac

Frequency

- 5GHz: 5.150GHz~5.850GHz
- 2.4GHz: 2.4GHz – 2.484GHz

RF Power (2.4GHz)

• 802.11b	11M	17±2dBm	1M	19±2dBm
• 802.11g	54M	16±2dBm	6M	18±2dBm
• 802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
• 802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm

RF Power (5GHz)

• 802.11a	54M	16±2dBm	6M	18±2dBm
• 802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
• 802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
• 802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm

Receive Sensitivity (2.4GHz)

• 802.11b	11M	-85dBm	1M	-94dBm
• 802.11g	54M	-72dBm	6M	-90dBm
• 802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
• 802.11n HT40	MCS7	-68dBm	MCS0	-86dBm

Receive Sensitivity (5GHz)

• 802.11a	54M	-74dBm	6M	-90dBm
• 802.11n HT20	MCS7	-72dBm	MCS0	-88dBm
• 802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
• 802.11ac HT80	MCS9	-58dBm	MCS0	-80dBm

- Auto-Channel selection

- Distance Control (802.1x Ack timeout)

- Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)

- BSSID

Max Access Users

- 128

Operation Mode

- Wireless AP
- Gateway
- Wi-Fi Repeater

Wireless Security

- 64/128-bit WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

LED Status

- Wi-Fi, LAN, SYS

OTHERS

Package Contents

- 1200Mbps Dual Band wireless access point
- Quick Installation Guide

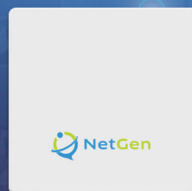
Environment

- Operating Temperature: -20~55 °C
- Storage Temperature: -40~70 °C
- Humidity: 5%~95% non-condensing

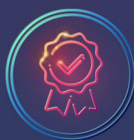
OTHER WALL MOUNT AP MODELS

Explore Our Range of Lightning-Fast Wall Mount APs

MODEL	DATA RATE	FREQUENCY	TECHNOLOGY	INTERFACE	APPLICATION
W5-W300	300 Mbps	2.4 & 5.8	Wi-Fi 5 (802.11n), Single Band	1* RJ11, 1* FE WAN and 2* FE LAN	Villa, Hotel, Small Office, School, Hospital
W5 - W750	750Mbps	2.4 & 5.8	Wi-Fi 5 (802.11ac), Dual Band	1* RJ11, 1* FE WAN and 2* FE LAN	Villa, Hotel, Small Office, School, Hospital
W5 - W1200	1200 Mbps	2.4 & 5.8	Wi-Fi 5 (802.11ac), Dual Band	1* RJ11, 1* GE WAN and 2* GE LAN	Villa, Hotel, Small Office, School, Hospital
W6 - W1800	1800 Mbps	2.4 & 5.8	Wi-Fi 6 (802.11ax), Dual Band	1* GE WAN and 4* GE LAN	Villa, Hotel, Small Office, School, Hospital



ADD ON BENEFITS

**ENHANCED PEACE OF MIND**

GET 24-MONTH WARRANTY ON ALL ACCESS POINTS OF NETGEN

**RESOLUTION WHEN YOU NEED IT**

24X7 TELEPHONE SUPPORT FOR THE FIRST 60 DAYS

**ALWAYS UP-TO-DATE**

GET SUPPORT ON SOFTWARE AND LATEST PATCHES

**NEVER HAVE A BROKEN DEVICE**

GET SPARES & REPLACEMENTS SHIPPED NEXT BUSINESS DAY FOR FREE