



Gateway AC1200

Cloud-managed Home/SMB Wi-Fi Gateway

IgniteNet's Gateway AC1200 is the ultimate cloud-managed gateway for residential and small/medium businesses. The GW AC1200 not only enables end-to-end management, monitoring, and troubleshooting, it also creates new revenue streams for ISPs through innovative applications that can easily be deployed through the IgniteNet Cloud Controller. It contains two independent, concurrently operating radios — one 802.11ac (5 GHz) radio and one 802.11n (2.4 GHz) radio — capable of delivering blisteringly fast wireless speeds. The sleek design of the Gateway AC1200 allows it to be placed inconspicuously in both offices and homes.

Cloud-Enabled Networking

The IgniteNet™ Gateway AC1200 is cloud-enabled out of the box, allowing for easy, highly scalable installation, configuration, and management.

Dual-Band AC1200 Operation

The Gateway AC1200 is capable of operating simultaneously at 2.4 GHz (802.11b/g/n) as well as 5 GHz (802.11a/n/ac) to supply ample throughput for the most demanding applications.

Powerful, Flexible Configuration

The Gateway AC1200 can operate either as a stand-alone wireless gateway router or as a coordinated, cloud-managed gateway, easily meeting the requirements of any installation.

Robust Yet Simple Mounting Options

The Gateway AC1200 can be wall or desktop mounted, greatly simplifying installations in both offices and homes.

FEATURES

HARDWARE FEATURES

- > 1 x 10/100/1000 Gigabit Ethernet WAN port
- > 4 x 10/100/1000 Gigabit Ethernet LAN ports
- > 1 x USB 2.0 Port
- > 1 x reset button
- > 1 x WPS button

LEDs

- > Power, WLAN, WAN, LAN, WPS

DIMENSIONS (L x W x H)

- > 184.6 x 139 x 33 mm (7.27 x 5.47 x 1.3 inch)

WEIGHT

- > 299 g (0.66 lb)

POWER

- > 12 VDC, 1.5 A
- > 15.36 W maximum

OPERATING ENVIRONMENT

- > Operating Temperature: 0 to +40C° (32 to 104 F)
- > Storage Temperature: -20 to 70C° (-4 to 158 F)
- > Operating Humidity: 10 to 80% non-condensing (RH)
- > Storage Humidity: 5 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

- > FCC/IC
- > CE

RF PERFORMANCE (TX)

- > 2.4 GHz: 23 dBm @ 6 Mbps, 19 dBm @ 300 Mbps
- > 5 GHz: 23 dBm @ 6 Mbps, 19 dBm @ 866 Mbps

RF PERFORMANCE (RX)

- > 2.4 GHz: -85 dBm @ 6 Mbps, -64 dBm @ 300 Mbps
- > 5 GHz: -85 dBm @ 6 Mbps, -54 dBm @ 866 Mbps

ANTENNA

- > 2.4 GHz: 4 dBi omni-directional
- > 5 GHz: 5 dBi omni-directional

KEY FEATURES

- > Supports service provider and enterprise type networks
- > Stand-alone or cloud-controlled operating modes
- > AP/Client/Client WDS modes with flexible bridging and routing
- > 802.11a/b/g/n/ac, 2x2, dual-band, dual-concurrent (2.4 GHz and 5 GHz)
- > Supports up to 8 SSIDs per radio
- > Optional single band available
- > IEEE 802.11e Wi-Fi Multimedia (WMM-QoS)
- > WPA, WPA2-PSK, WPA2-AES, PSK, and Enterprise
- > Admission control by client MAC address
- > Dual flash image support

ORDERING INFORMATION

Part Number

Description

GW-AC1200-XX

Gateway AC1200 - Dualband Ceiling/ Wall/ Desktop Gateway AP

****XX is used to denote localization (US, EU, AU, CN)**

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