



### Product Overview

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IgniteNet™'s Gateway AC1200 is a cost-effective, cloud-managed 802.11ac wireless router gateway. The Gateway AC1200 contains two independent, concurrent-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, delivering fast wireless connections and convenient Internet access.

### Key Features and Benefits

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#### 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

- ✓ 1x 10/100/1000 Gigabit Ethernet WAN port
- ✓ 4x 10/100/1000 Gigabit Ethernet LAN ports
- ✓ 1x USB 2.0 Port
- ✓ 1x reset button
- ✓ 1x 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 in.)

### WEIGHT

- ✓ 299 g (0.66 lb)

### POWER

- ✓ 12 VDC, 1.5 A
- ✓ 15.36 W maximum

### OPERATING ENVIRONMENT

- ✓ Operating Temperature: 0C° to +40C°
- ✓ Storage Temperature: -20C° to 70C°
- ✓ Operating Humidity: 10 to 80% non-condensing (RH)
- ✓ Storage Humidity: 5 to 90% non-condensing (RH)

### REGULATORY / STANDARDS COMPLIANCE

- ✓ FCC/IC
- ✓ CE

### 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)
- ✓ WEP (64/128-bit), WPA, WPA2-PSK, WPA2-AES, PSK, and Enterprise
- ✓ Admission control by client MAC address
- ✓ Dual flash image support

### RF PERFORMANCE (TX)

- ✓ 2.4 GHz:  
23 dBm @ 6 Mbps, 16 dBm @ 300 Mbps
- ✓ 5 GHz:  
23 dBm @ 6 Mbps, 16 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

## Contact