High Power Wireless-N 600mW Gigabit Dual Band Access Point

AP20000G

The Amped Wireless High Power Wireless-N 600mW Gigabit Dual Band Access Point adds long range, Wi-Fi access for existing wired networks or networks with older wireless technology. Equipped with advanced dual band 600mW Wi-Fi amplifiers and 5dBi detachable high gain antennas, the AP20000G provides up to 7,500 sq ft of high performance Wi-Fi coverage (2.4GHz only, 5.0GHz coverage will be less). It also features a USB port for sharing files, four gigabit wired networking ports and simultaneous dual band Wi-Fi technology for wirelessly connecting iPads, smartphones, laptops and more. True Plug and Play set up, makes setup as simple as connecting the Access Point to your router’s network port. No software or additional setup needed.

How it Works:

The High Power Wireless-N Dual Band Access Point adds extreme range wireless access to any existing network by attaching to a router or network switch.

Advanced Amped Technology:

High Power Dual Amplifiers and Antennas boost Wi-Fi performance

<table>
<thead>
<tr>
<th>Wi-Fi Output Power (Amplifiers)</th>
<th>Wi-Fi Antenna Power (Antennas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 600mW</td>
<td>Up to 5dBi</td>
</tr>
<tr>
<td>AP20000G Standard Wi-Fi Devices</td>
<td>AP20000G Standard Wi-Fi Devices</td>
</tr>
</tbody>
</table>

mW = Milliwatt (Output Power Measurement)

dBi = Decibel (Antenna Gain Measurement)

Key Features

- Extreme Dual Band Range
  Great for large buildings and backyards
- Ultra Powerful
  Penetrate walls with amplified dual band Wi-Fi
- Simultaneous Dual Band Wi-Fi
  Creates a 2.4GHz and 5.0GHz Wi-Fi network
- Guest Networks
  Create Wi-Fi networks for guests
- Wi-Fi Coverage Control
  Adjust the distance of your wireless network
- User Access and Wi-Fi Schedules
  Restrict access to specific users or set Wi-Fi on/off schedules
- Powerful Processor
  Faster wired and wireless networking
- USB Storage Support
  Share files from a USB storage device*
- Gigabit Networking
  Expand your network by attaching additional devices and gigabit speeds

Upgrade your Network

Great for upgrading older wireless networks (or modem/router combos) or adding wireless access to existing wired networks.

* USB Storage device not included.
**Product Feature Set & Performance Comparison:**

<table>
<thead>
<tr>
<th>SPEED PERFORMANCE</th>
<th>Standard Access Point</th>
<th>Premium Series Smart Access Point</th>
<th>Premium DB Series Dual Band Access Point</th>
<th>AP2000G</th>
</tr>
</thead>
<tbody>
<tr>
<td>150Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wireless-N Data Speeds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wireless-N Data Speeds</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300+300Mbps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>N600 Dual Band Speeds</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OUTPUT POWER/ COVERAGE**

- Up to 50mW / Limited
- Up to 100mW / 5,000 sq ft
- Up to 600mW / 7,500 sq ft
- Dual Band Amplifiers

**ANTENNAS**

- External - High Gain
- Detachable Antennas
- Dual Band

**KEY FEATURES**

- Adjustable Wi-Fi Coverage
- User Access Scheduling
- Gigabit Ports & Power Processor
- Dual Band Interference Free
- USB Storage Support

**GREAT FOR...**

- HD Audio / Video
- Fast Data Transfer
- Gaming
- Large Homes / Offices

**Technical Specifications:**

- **Wireless Standard:** 802.11a/b/g/n
- **Frequency Band:** 2.4GHz, 5.0GHz (Simultaneous)
- **Processor Clock Speed:** 620MHz
- **Wireless Speed:** 2.4GHz: 300Mbps (Rx), 300Mbps (Tx)
  5.0GHz: 300Mbps (Rx), 300Mbps (Tx)
- **Amplifier:** Dual 2.4GHz Amplifiers
  Dual 5.0GHz Amplifiers
  Dual Low Noise Amplifiers
- **Wireless Security:** WEP, WPA, WPA2, WPA Mixed, WPS
- **Wireless Access Scheduling:** Specific day and time
- **Wireless Coverage Control:** 15% - 100% Output Power (Adjustable individually for 2.4GHz and 5.0GHz networks)
- **Guest Wireless Networks:** (4 x 2.4GHz, 4 x 5.0GHz)
- **Antennas:** 2 x High Gain Dual Band Antennas
  2 x Reverse SMA Connectors
- **Ports:** 4 x RJ-45 10/100/1000M LAN Ports (Local Ports)
  1 x RJ-45 10/100/1000M Network Port (To Router)
  1 x USB 2.0 Port (for USB Storage)
- **Mounting:** Wall, Stand or Desktop
- **Warranty:** 1 Year

**Setup Requirements:**

- A router or network switch with an available network (LAN) port

**Product Contents:**

- High Power Wireless-N 600mW Gigabit Dual Band Access Point
- Two Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- Two RJ-45 Ethernet Cable
- Setup Guide
- CD: User's Guide
- Stand for vertical mounting

Specifications are subject to change without notice.

* Range specifications are based on performance test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different. 600mW Amplifier ratings are for 2.4GHz wireless band.