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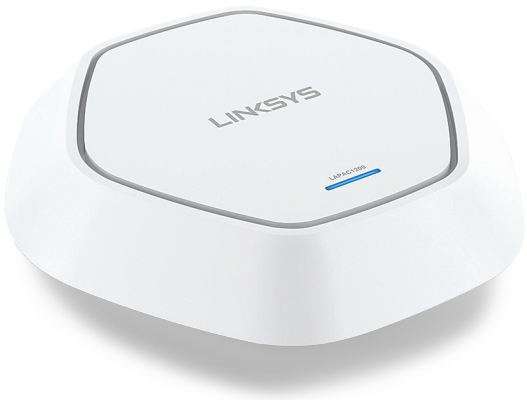
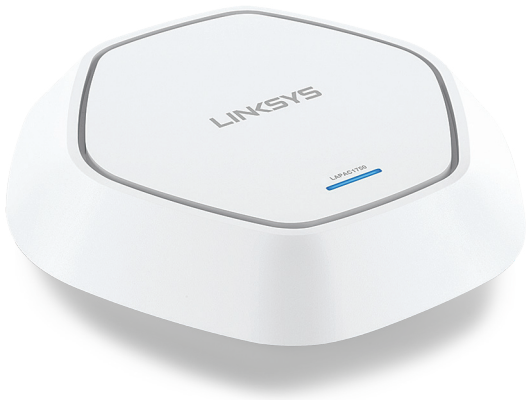
Linksys Business Wireless-AC Dual Band Access Point



AC1200 Dual Band Access Point
(LAPAC1200)



AC1750 Dual Band Access Point
(LAPAC1750)

Key Features

- Next-generation Wi-Fi 802.11ac with dual band (2.4 GHz + 5 GHz) support and maximum data rate up to 1200 Mbps (LAPAC1200) and 1750 Mbps (LAPAC1750)*
- Integrated Power over Ethernet Plus (PoE+)
- Gigabit Ethernet port speed
- Workgroup bridge mode for range extension
- Industrial-strength Wi-Fi Protected Access (WPA, WPA2) security and data encryption
- Advanced security and preventions (802.1X Supplicant, SSID to VLAN Mapping, MAC Access Control, Rogue AP detection)
- IPv6 support

The Linksys Business Wireless-AC Dual Band Access Point delivers the next generation of Wi-Fi technology (802.11ac) to provide faster speed and more Wi-Fi capability than ever before for your everyday business.

Next-Generation Wi-Fi Connectivity
The Linksys Business Wireless-AC Dual Band Access Point supports the latest 802.11ac technology, a three time performance increase from 802.11n*. Enhancements such as wider 80 MHz channels provide greater data bandwidth while operating in the less-crowded 5 GHz band space. With this increase in Wi-Fi freedom, wireless clients can experience faster speeds while maximizing their performance.

Flexible Deployment
The Linksys Business Wireless-AC Dual Band Access Point can be deployed as a typical access point, or set up as a workgroup bridge to extend your wireless range coverage.

Easy to Use
The Linksys Business Wireless-AC Dual Band Access Point is integrated with 802.3at PoE+ capability to eliminate extra power adapters and offers optimal placement. It also provides an intuitive web administrative interface, easy to set up and easy to use.

Advanced Security over Wireless
The Linksys Business Wireless-AC Dual Band Access Point protects and secures your wireless network with business-class security features including Wi-Fi Protected Access (WPA/WPA2), 802.1X Supplicant Authentication, MAC-based ACL, Rouge AP Detection, SSID-to-VLAN Mapping, Wireless Scheduler, and more.

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Linksys Business Wireless-AC Dual Band Access Point

Hardware Specifications

Model	LAPAC1200	LAPAC1750
Standards	IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.3. 802.3u, and 802.3at	IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.3. 802.3u, and 802.3at
Frequency	2.4 GHz and 5 GHz (concurrent)	2.4 GHz and 5 GHz (concurrent)
MIMO	2 x 2	3 x 3
Internal Antenn a	✔	✔
RF Output Power	High Power PA	High Power PA
PoE	802.3at	802.3at
Wall/Ceiling Mount	✔	✔
Gigabit Ethernet	✔	✔
Security Lock	Kensington lock slot	Kensington lock slot
LED	One system LED	One system LED
AC Power Adapter	12V/1.5A	12V/1.5A
Hardware Reset Button	✔	✔
Frequency Band and Operating Channels	2.412 to 2.462 GHz; 11 channels 5.180 to 5.240 GHz; 4 channels 5.745 to 5.825 GHz; 5 channels	2.412 to 2.462 GHz; 11 channels 5.180 to 5.240 GHz; 4 channels 5.745 to 5.825 GHz; 5 channels
Antenna Gain in dBi	1.7dBi @2.4G, 1.9dBi @5G	1.7dBi @2.4G, 1.9dBi @5G
Transmitted Power	2.4GHz per chain out put power 802.11b@channel 6, 1Mbps: 23dBm, 802.11g@channel 6, 6Mbps: 17dBm 802.11n HT20@channel 6, MCS7: 17dBm 5GHz per chain output power, UNII-1 (5150-5250MHz) 802.11a@channel 40, 6Mbps: 15dBm, 802.11n HT20@MCS8: 15dBm 802.11n HT40@MCS8: 14 dBm, 802.11ac HT80@MCS0: 14dBm UNII-3 (5150-5250MHz) 802.11a@channel 157, 6Mbps: 24dBm, 802.11n HT20@MCS8: 24dBm 802.11n HT40@MCS8: 23dBm, 802.11ac HT80@MCS0: 21dBm	2.4GHz per chain output power 802.11b@channel 6, 1Mbps: 21dBm, 802.11g@channel 6, 6Mbps: 20dBm 802.11n HT20@channel 6, MCS7: 20dBm 5GHz per chain output power, UNII-1 (5150-5250MHz) 802.11a@channel 40, 6Mbps: 11dBm, 802.11n HT20@MCS0: 11dBm 802.11n HT40@MCS0: 12dBm, 802.11ac HT80@MCS0: 11dBm UNII-3 (5150-5250MHz) 802.11a@channel 157, 6Mbps: 19dBm, 802.11n HT20@MCS0: 19dBm 802.11n HT40@MCS0: 20dBm, 802.11ac HT80@MCS0: 20dBm
Receiver Sensitivity	802.11b @11Mbps: -85dBm, 802.11a/g@54Mbps: -70dBm 802.11n@HT20 MCS7/15: -65dBm, 802.11n@HT40 MCS7/15: -62dBm 802.11ac@VHT MCS9/19: -51dBm	802.11b @11Mbps: -85dBm, 802.11a/g@54Mbps: -70dBm 802.11n@HT20 MCS7/15: -65dBm, 802.11n@HT40 MCS7/15: -62dBm 802.11ac@VHT MCS9/19: -51dBm
Physical Dimension (L x W x H)	243.08 x 236.98 x 43.69 mm (9.57 x 9.33 x 1.72 in)	243.08 x 236.98 x 43.69 mm (9.57 x 9.33 x 1.72 in)
Weight	1.12lb	1.12lb
Maximum Power Consumption	13W	15W
Compliance	Class B, Wireless	Class B, Wireless
Operating Temperature	0° to 40°C (32° to 104°F)	0° to 40°C (32° to 104°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)	-20° to 70°C (-4° to 158°F)
Operating Humidity	10% to 85% (non-condensing)	10% to 85% (non-condensing)
Storage Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Regulatory Certification	FCC, CE, IC	FCC, CE, IC
Warranty Period	Limited Lifetime	Limited Lifetime

Software Specifications

Model	LAPAC1200	LAPAC1750
Multiple SSIDs	16	16
VLAN Support	✔	✔
Number of VLANs	17	17
SSID to VLAN Mapping	✔	✔
Workgroup Bridge	✔	✔
IPv6	✔	✔
WEP, WPA, WPA2, 802.1X with RADIUS	✔	✔
MAC-based Access Control	✔	✔
Rogue AP Detection	✔	✔
802.1X Supplicant	✔	✔
Channel Isolation	✔	✔
WMM	✔	✔
Rate Limit	✔	✔
Scheduler	✔	✔
Band Steering	✔	✔
Management Interface	Web (http/https), SNMP	Web (http/https), SNMP
Event Notification	Local Log, Remote Syslog, and Email Alerts	Local Log, Remote Syslog, and Email Alerts
Network Diagnostics	Log, Ping, Packet Capture	Log, Ping, Packet Capture

*Maximum Performance derived from IEEE Standard 802.11 specifications (draft specifications for 802.11ac). Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends upon many factors, conditions and variables, including products used, interference and other adverse conditions. 802.11ac 867 Mbps in the 5GHz Band is approximately 3 x faster than 802.11n 300 Mbps in the 2.4GHz Band. An 802.11ac adapter will be needed to achieve 11ac data rates and up to 867 Mbps wireless speeds may be achieved when connecting to other 802.11ac 867 Mbps devices. 802.11ac 1300 Mbps in the 5GHz Band is approximately 3 x faster than 802.11n 450 Mbps in the 2.4GHz Band. An 802.11ac adapter will be needed to achieve 11ac data rates and up to 1300 Mbps wireless speeds may be achieved when connecting to other 802.11ac 1300 Mbps devices.

Learn more at **Linksys.com/business**