LINKSYS

Linksys Business Pro Series Wireless-AC Dual-Band Access Point

Business Wireless AC1750 Pro Dual-Band Access Point
(LAPAC1750PRO)

Key Features

- Next-generation Wi-Fi 802.11ac with dual-band (2.4 GHz + 5 GHz) support and maximum data rate up to 1,750 Mbps
- Integrated Power over Ethernet Plus (PoE+)
- Gigabit Ethernet port speed
- WDS Bridge and Workgroup Bridge Support
- Captive Portal
- Cluster
- Advanced security and preventions (802.1X Supplicant, SSID to VLAN mapping, ACL, etc.)
- Client Quality of Service (QoS)
- IPv6 support

The Linksys Business Pro Series Wireless-AC Dual-Band Access Point delivers comprehensive enterprise-grade software features and next-generation Wi-Fi 11ac technology for high-density performance and faster speed for your everyday business.

Next-Generation Wi-Fi Connectivity
The Linksys Business Pro Series 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.

Single Point Control: Cluster
The Linksys Business Pro Series Wireless-AC Dual-Band Access Point delivers Cluster System Management, which helps to reduce the costs and complexity of managing multiple wireless access points simultaneously. This Cluster feature simplifies administration and management efforts with a Single Point Control.

Captive Portal
The Linksys Business Pro Series Wireless-AC Dual-Band Access Point implements a captive portal to support secure and customized guest Wi-Fi access. The captive portal is also used at many Wi-Fi hotspots to control wireless access in the area.

Flexible Deployment
The Linksys Business Pro Series Wireless-AC Dual-Band Access Point can be deployed as a typical access point, as a wireless distribution system (WDS), or as a workgroup bridge to extend your wireless range coverage.

Easy to Use with PoE+
The Linksys Business Pro Series Wireless-AC Dual-Band Access Point is integrated with 802.3at PoE+ capability to eliminate extra power adapters and offer 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 Pro Series 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 and IP-Based ACL, Rogue AP Detection, SSID-to-VLAN Mapping, Wireless Scheduler, and more.

Hardware Specifications

Model	LAPAC1750PRO
Standards	IEEE 802.11a, 802.11b, 802.11g, 802.11n, and 802.11ac
Frequency	2.4 GHz and 5 GHz (concurrent)
MIMO	3 x 3
Internal Antenna	✔
RF Output Power	High Power PA
PoE	802.3at
Wall/Ceiling Mount	✔
Gigabit Ethernet	✔
Secondary Ethernet Port	✔
Security Lock	Kensington Lock Slot
LED	One System LED
AC Power Adapter	12V/2A
Hardware Reset Button	✔
Frequency Band and Operating Channels	**LAPAC1750PRO (North America)** 2.412 to 2.462 GHz: 11 channels 5.180 to 5.240 GHz: 4 channels 5.745 to 5.825 GHz: 5 channels **LAPAC1750PRO-EU/LAPAC1750PRO-UK (Europe)** 2.412 to 2.472 GHz: 13 channels 5.180 to 5.240 GHz: 4 channels **LAPAC1750PRO-AP/LAPAC1750PRO-AU (Asia Pacific)** 2.412 to 2.472 GHz: 13 channels 5.180 to 5.240 GHz: 4 channels
Receiver Sensitivity	**2.4 GHz** 802.11b: -87 dBm @ 11 Mbps, 802.11g: -77 dBm @ 54 Mbps, 802.11n 20 MHz: -70 dBm @ MCS23, 802.11n 40 MHz: -67 dBm @ MCS23 **5 GHz** 802.11a: -77 dBm @ 54 Mbps, 802.11ac 20 MHz: -61 dBm @ MCS9, 802.11ac 40 MHz: -58 dBm @ MCS9, 802.11ac 80 MHz: -56 dBm @ MCS9
Physical Dimension (L x W x H)	243.00 x 237.00 x 43.00 mm (9.57 x 9.33 x 1.69 in)
Weight	522 g (1.15 lb)
Maximum Power Consumption	24W
Operating Temperature	0° to 35°C (32° to 95°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Operating Humidity	10% to 85% (Non-Condensing)
Storage Humidity	10% to 90% (Non-Condensing)
Regulatory Certification	**FCC:** 47 CFR FCC Part 15, Subpart B, Class B; 47 CFR FCC Part 15, Subpart C; 47 CFR FCC Part 15, Subpart E **CE:** EN55022, Class B; EN61000-3-2; EN61000-3-3; 55024; EN 301 489-1 / EN 301 489-17, Class B; EN 300 328; EN 301 893; EN 62311; EN 50385 **IC:** Canada Standard ICES-003, Class B; Canada RSS-210 **IC:** Canada Standard ICES-003, Class B; Canada RSS-210
Warranty Period	Limited Lifetime

Software Specifications

Model	LAPAC1750PRO
Multiple SSIDs	16
VLAN Support	✔
Number of VLANs	17
SSID to VLAN Mapping	✔
Captive Portal	✔
Workgroup Bridge	✔
WDS Bridge	✔
IPv6	✔
Access Control per SSID	IPv4, IPv6, and MAC-based
DiffServ for QoS	✔
WEP, WPA, WPA2, 802.1X with RADIUS	✔
Rogue AP Detection	✔
802.1X Supplicant	✔
Channel Isolation	✔
WMM	✔
Single/Central Management System	With Cluster
Bandwidth Utilization	✔
Scheduler	✔
Band Steering	✔
Beamforming	✔
Dual Image Support	✔
Management Access Control	Mac and IP-based
Management Interface	Web (http/https), SNMP
Event Notification	Local Log, Remote Syslog, and Email Alerts
Network Diagnostics	Log, Ping, and Packet Capture

* Maximum performance derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range, and coverage. Performance depends on many factors, conditions, and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference, and other adverse conditions.

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