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

Business Wireless AC2600 Pro Dual-Band MU-MIMO Access Point
(LAPAC2600)

Key Features

- Next-generation Wi-Fi 802.11ac with dual-band (2.4 GHz + 5 GHz) support and maximum data rate up to 2.53 Gbps

- Integrated Power over Ethernet Plus (PoE+)

- Gigabit Ethernet port speed

- WDS Bridge and Workgroup Bridge Support

- Captive Portal

- Centralized Management via Clustering

- Advanced security and preventions (802.1X Supplicant, SSID to VLAN mapping, ACL, etc.)

- IPv6 support

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

Next Generation AC Wi-Fi Connectivity
Allows multiple clients to transmit data simultaneously, improving performance and productivity in high density wireless environments. Features 4x4 Dual-Band (2.4+5GHz) AC delivering combined speeds of up to 2.53Gbps* for faster, more robust wireless performance.

Seamless Roaming
Supports 802.11r and 802.11k standards, enabling 802.11r-enabled client devices to roam between access point with minimal dropped packets, enabling uninterrupted VoIP calls or video calls (such as Facetime).

Clustering (Single Point Control)
Clustering helps to reduce the costs and complexity of managing multiple wireless access points simultaneously simplifying administration and management

Captive Portal
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
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+
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.

Two Gigabit Ethernet ports with Link Aggregation
The 4x4 11AC radio is backed by Dual Gigabit Ethernet ports with Link Aggregation for a combined backhaul capacity of 2 Gbps, enabling maximum utilization of the 11AC radio.

Advanced Security Over Wireless
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.

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Hardware Specifications

Model	LAPAC2600
Standards	IEEE 802.11a, 802.11b, 802.11g, 802.11n, and 802.11ac
Frequency	2412-2472 & 5180-5240MHz
MIMO	4x4 with MU-MIMO support
Internal Antenna	PIFA
Antenna Gain	2.4GHz: CDD mode: 2.08dBi, Beamforming mode: 7.5dBi 5GHz: CDD mode:2.45dBi , Beamforming mode: 7.87dBi
RF Output Power (EIRP	2.4GHz: CDD: 19.73dBm, Beamforming: 19.67dBm 5GHz: CDD: 22.80dBm Beamforming: 22.75dBm
PoE	802.3at
Wall/Ceiling Mount	Yes
Gigabit Ethernet	Yes
Secondary Ethernet Port	With Link Aggregation
Security Lock	Kensington Lock Slot
LED	One System LED
AC Power Adapter	12V/2.5A
Hardware Reset Button	Yes
Frequency Band and Operating Channels	LAPAC2600-EU/LAPAC2600-UK (Europe) 2.412 to 2.472 GHz: 13 channels 5.180 to 5.240 GHz: 4 channels
Receive Sensitivity	**2.4 GHz** 802.11b @11Mbps: -89dBm, 802.11g @54Mbps: -75dBm, 802.11n 20MHz @MCS7: -72dBm, 802.11n 40MHz: @MCS7 -69dBm **5 GHz** 802.11a @54Mbps: -75dBm, 802.11n 20MHz @MCS7: -71dBm, 802.11n 40MHz @MCS7: -68dBm, 802.11ac 20MHz @MCS9: -65dBm, 802.11ac 40MHz @MCS9: -62dBm, 802.11ac 80MHz @MCS9: -59dBm
Physical Dimension (L x W x H)	243.00 x 237.00 x 43.69 mm (9.57 x 9.33 x 1.72 in)
Weight	848 g (1.87 lb)
Maximum Power Consumption	25W
Operating Temperature	0° to 40°C (32° to 104°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	**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
Warranty Period	Limited Lifetime

Software Specifications

Model	LAPAC2600PRO
Multiple SSIDs	16
VLAN Support	Yes
Number of VLANs	17
SSID to VLAN Mapping	Yes
Centralized Management via Clustering	Yes
Dynamic Channel Selection	Yes
Captive Portal	Yes
Workgroup Bridge	Yes
WDS Bridge	Yes
IPv6	Yes
Access Control per SSID	IPv4, IPv6, and MAC-based
WEP, WPA, WPA2, 802.1X with RADIUS	Yes
Rogue AP Detection	Yes
802.1X Supplicant	Yes
Channel Isolation	Yes
WMM	Yes
Rate Limit	Yes
Bandwidth Utilization	Yes
Scheduler	Yes
Band Steering	Yes
Beamforming	Yes
Dual Image Support	Yes
Management Access Control	MAC based
Management Interface	Web (http/https), SNMP
Event Notification	Local Log, Remote Syslog, and Email Alerts
Network Diagnostics	Log, Ping, and Packet Capture

Specifications are subject to change without notice. An active, customer-purchased Internet Service Provider broadband account is required for connection of this access point and other connected computers and devices to the Internet.

* Maximum performance derived from IEEE Standard 802.11 specifications. Actual performance can vary due to a number of factors 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.

* The standard transmission rates—1733 Mbps (for 5 GHz), 800 Mbps (for 2.4 GHz), or 2.53 Gbps combined —are the physical data rates. Actual data throughput will be lower and may depend on the mix of wireless products used and external factors.

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