LINKSYS®

Linksys Business Wireless-N Access Points

Business Wireless-N300 Access Point with PoE (LAPN300)   Business Wireless-N600 Dual Band Access Point with PoE (LAPN600)

Key Features

- Dual Band (2.4 GHz + 5 GHz) support and speed up to 600 (300 + 300) Mbps for LAPN600*

- Integrated Power over Ethernet (PoE)

- Gigabit Ethernet port

- WDS and Workgroup Bridge Mode for Range Extension

- Centralized Management via Clustering

- Captive Portal

- 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-N Access Point employs Wi-Fi technology (802.11n) to provide a fast, powerful wireless network that's ideal for today's tech-savvy businesses.

Optimal Wireless Coverage
The Linksys Wireless-N Access Point offers fast speed connecting notebooks, smartphones, tablets, and other Wi-Fi devices at transfer rates up to 300 Mbps (LAPN300) or 600 Mbps (LAPN600)* for an optimal business network experience. With a Gigabit Ethernet port, wireless clients can enjoy the fastest speeds possible by maximizing wireless-to-wired performance.

Clustering (Single Point Control)
The Linksys Business Series Wireless-N Access Point delivers Clustering, which helps to reduce the costs and complexity of managing multiple wireless access points simultaneously. This Clustering feature simplifies administration and management efforts with Single Point Control.

Flexible Deployment
The Linksys Wireless-N 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.

Captive Portal
The Linksys Business Wireless-N 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.

Easy to Use
The Linksys Business Wireless-N Access Point is integrated with 802.3af/at 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.

Heightened Security
The Linksys Business Wireless-N Access Point offers advanced security features including WPA, WPA2, and 802.1X with RADIUS to protect your wireless network. Other business class security features, such as Rogue AP Detection, MAC address filtering, SSID to VLAN mapping, Wireless Broadcast Scheduling, and 802.1X Supplicant, are offered as well.

Hardware Specifications

Model	LAPN300	LAPN600
Standards	IEEE 802.11n, 802.11g, 802.11b, 802.3, 802.3u, 802.3af, and 802.3at	IEEE 802.11n, 802.11g, 802.11b, 802.11a, 802.3, 802.3u, and 802.3at
Frequency	2.4 GHz	Concurrent Dual-Band 2.4 GHz and 5 GHz
MIMO	2 x 2	2 x 2
Internal Antenna	✔	✔
RF Output Power	High Power PA	High Power PA
PoE	802.3af/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/1A	12V/1.5A
Hardware Reset Button	✔	✔
Frequency Band and Operating Channels	LAPN300 (North America): 2.412 to 2.462 GHz: 11 channels LAPN300-EU/LAPN300-UK (Europe): 2.412 to 2.472 GHz: 13 channels LAPN300-AP/LAPN300-AU (Asia Pacific): 2.412 to 2.472 GHz: 13 channels	LAPN600 (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 LAPN600-EU/LAPN600-UK (Europe): 2.412 to 2.472 GHz: 13 channels, 5.180 to 5.240 GHz: 4 channels LAPN600- AP/LAPN600-AU (Asia Pacific): 2.412 to 2.472 GHz: 13 channels, 5.180 to 5.240 GHz: 4 channels, 5.745 to 5.825 GHz: 5 channels
Antenna Gain in dBi	1.8 dBi	1.8 dBi @ 2.4 GHz 3.5 dBi @ 5 GHz
Receiver Sensitivity	802.11b @ 11 Mbps: -85 dBm 802.11g @ 54 Mbps: -70 dBm 802.11n @ HT20 MCS7/15: -65 dBm 802.11n @ HT40 MCS7/15: -62 dBm	802.11b @ 11 Mbps: -85 dBm 802.11a/g @ 54 Mbps: -70 dBm 802.11n @ HT20 MCS7/15: -65 dBm 802.11n @ HT40 MCS7/15: -62 dBm
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	489.88 g (1.08 lb)	498.95 g (1.10 lb)
Maximum Power Consumption	12.5W	17W
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: 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 AU: AS/NZS CISPR 22 Class B	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 AU: AS/NZS CISPR 22 Class B
Warranty Period	Limited Lifetime	Limited Lifetime

Software Specifications

Model	LAPN300	LAPN600
Multiple SSIDs	8	16
VLAN Support	✔	✔
Number of VLANs	9	17
SSID to VLAN Mapping	✔	✔
Centralized Management via Clustering**	✔	✔
Workgroup Bridge	✔	✔
Captive Portal	✔	✔
WDS Bridge	✔	✔
IPv6	✔	✔
WEP, WPA, WPA2, 802.1X RADIUS	✔	✔
MAC-Based Access Control	✔	✔
Rogue AP Detection	✔	✔
802.1X Supplicant	✔	✔
Channel Isolation	✔	✔
WMM	✔	✔
IGMP/MLD Snooping	✔	✔
Scheduler	✔	✔
Band Steering	N/A	✔
Management Interface	Web Browser, SNMP	Web Browser, SNMP
Event Notification	Local Log, Remote Syslog, and Email Alert	Local Log, Remote Syslog, and Email Alert

* 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.

**May require a software/firmware update available for download at linksys.com/support. APs are clustered with the same model number; e.g., a LAPN300 cannot be clustered with a LAPN600.

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

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