LINKSYS™

Linksys Business Wireless-N Access Point

Wireless-N300 Access Point with PoE (LAPN300)

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

Key Features

- Dual Band (2.4 GHz + 5 GHz) and speed up to 600 (300 + 300) Mbps for LAPN600
- Integrated Power over Ethernet (PoE)
- Gigabit Ethernet port
- 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-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.

Indoor Wireless Provider

The Linksys Wireless-N Access Point connects 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.

Optimal Wireless Coverage

The Linksys Wireless-N Access Point offers high power, enabling better, wider wireless coverage for you and your business. Wireless client devices can access their intranet or the Internet in hard-to-reach areas.

Flexible Deployment

The Linksys Wireless-N 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 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 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.

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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	2.412 to 2.462 GHz; 11 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	1.8 dBi	1.8 dBi @ 2.4 GHz 3.5 dBi @ 5 GHz
Transmitted Power	802.11b @ 11 Mbps: 21 dBm 802.11g @ 54 Mbps: 20 dBm 802.11n @ HT20/HT40 MCS7/15: 19 dBm	802.11b @ 11 Mbps: 21 dBm 802.11g @ 54 Mbps: 20 dBm 802.11n @ HT20/HT40 MCS7/15: 19 dBm
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
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	LAPN300	LAPN600
Multiple SSIDs	8	16
VLAN Support	✔	✔
Number of VLANs	9	17
SSID to VLAN Mapping	✔	✔
Workgroup Bridge	✔	✔
IPv6	✔	✔
WEP, WPA, WPA2, 802.1X RADIUS	✔	✔
MAC-Based Access Control	✔	✔
Rogue AP Detection	✔	✔
802.1X Supplicant	✔	✔
Channel Isolation	✔	✔
WMM	✔	✔
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
Network Diagnostics	Log, Ping, Packet Capture	Log, Ping, Packet Capture

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