

EASILY CONTROL YOUR NETWORK, ANYTIME, FROM ANYWHERE.

Multi-site cloud Wi-Fi management system
purpose-built for business networks.



Compatible Access Points

LAPAC1300C
LAPAC1300CE
LAPAC1300CW



Lifetime Cloud Management

Completely free Cloud Management for the limited lifetime of the product.¹

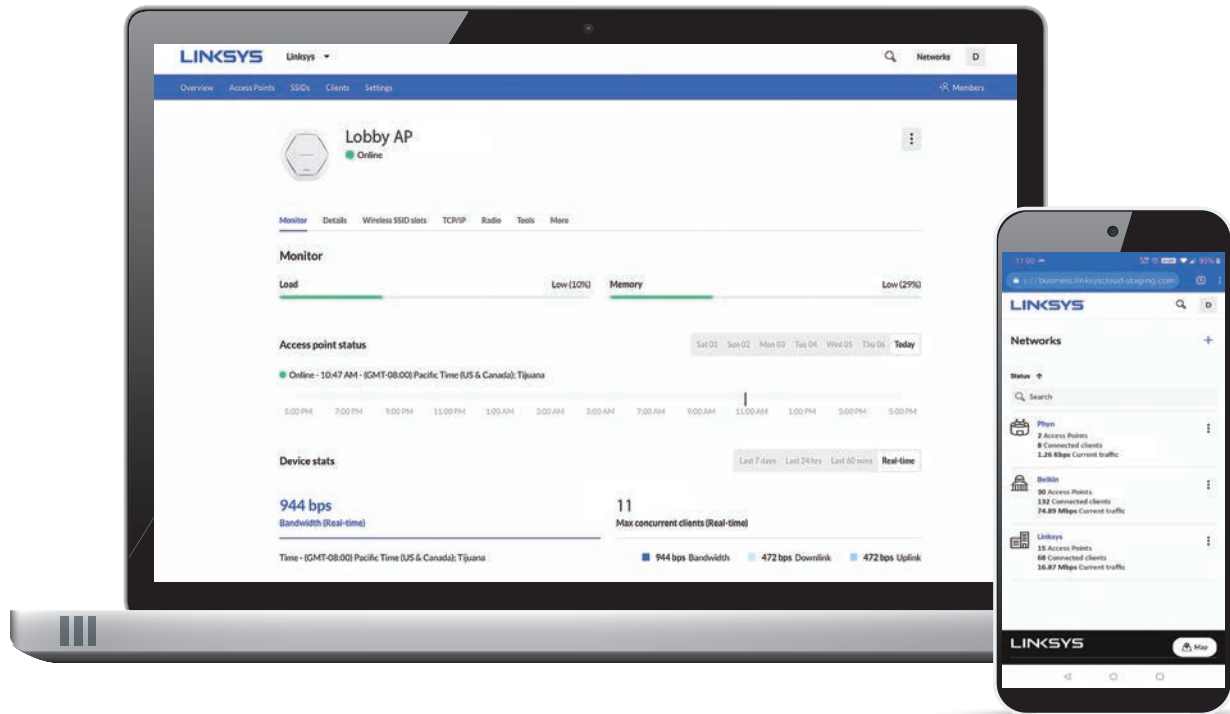


Free Technical Support

Dedicated business support line, Monday thru Friday 5am-11pm (PST).²

CONTROL YOUR NETWORKS REMOTELY, INSTEAD OF GOING ONSITE.

Get an overview of your network's health status and real-time statistics.



Multi-Role Platform Built for Managed Service Providers

Linksys Cloud Manager is the easiest way for IT solution providers to deliver managed networking services by giving them complete visibility over network configuration and uptime. Multi-level management accounts give you the ability to set roles (owner, admin, viewer) and provide key users access to specific networks.

Simple and Responsive User Interface

Linksys Cloud Manager's intuitive user interface is fully responsive and mobile ready, allowing you to manage your networks on the go from a laptop, tablet, or mobile phone, with no additional app to download. Easily add the login page to the Home Screen (A2HS) so the Cloud Manager is always one click away.

Global Map

The organization dashboard has a unique global map view that allows you to see all of your network locations, number of devices and number of clients from a single view. Drill down further to see the status of your devices and click through to see network configurations and device statistics.

Help When You Need It the Most

Free dedicated technical support by phone, Monday thru Friday 5am to 11pm (PST)², means you get help when you need it the most. Why search for help online or ask questions on community forums to wait for an answer that might never come? Our support technicians are CCNA certified to ensure you get the highest level of expertise to troubleshoot your network issues quickly.

CONFIGURE YOUR ACCESS POINTS BEFORE THEY GO ONLINE.

Speed up the installation process and reduce onsite costs.

New and Improved Linksys Cloud Manager 2.0 Portal

Our Cloud Management gets even faster with Linksys Cloud Manager 2.0. You get a Limited Lifetime Management License with every Cloud Managed Access Point, so you never have to worry about costly cloud management licenses or what happens after they expire. Our Cloud-Native management solution is lightweight, efficient and faster than traditional software or server/controller architectures which gives you instant scalability with unlimited devices.

Zero Touch Deployment

Eliminate the need to configure access points on-site, saving you lots of time and money. Just enter the Serial Number and the MAC Address of the device to add an access point to the Cloud Manager. From there, all your configuration can be done in your cloud account, which can be accessed remotely from anywhere as long as you have an Internet connection. Once that access point is turned on and connected to the internet, it will dial home to the Cloud and quickly download its' configuration in seconds, not minutes or hours.

Beautiful Captive Portal that Enhances your Brand

Most vendors host their Captive Portal splash page in the device, with restrictions on text and picture sizes. Linksys Cloud Manager surpasses these limitations by hosting the splash page in the cloud at no additional cost to you. With our intuitive editor, you won't need to know any HTML programming to make beautiful splash pages that communicate your brand exactly how you intend. To try it out, go to our cloud portal at <https://cloudmanager.linksys.com> and sign up for a free account.

No Power Adapters Needed³

Install Linksys Cloud Managed Access Points with optimal coverage placement in a home or business by carrying data and power over the same Cat5E line. Flexible power options using Power over Ethernet means you don't have to install an additional costly power outlet next to the access point, even when it is mounted on a wall, ceiling or pole.

Model	PoE+ Ports	Power Budget (in Watts)	LAPAC1300C / LAPAC1300CE / LAPAC1300CW
LAPPI30W	1	30W	1
LGS108P	4	50W	3
LGS116P	8	80W	5
LGS124P	12	120W	7
LGS310MPC	8	110W	7
LGS328PC	24	250W	16
LGS328MPC	24	410W	24
LGS352MPC	48	720W	48

Hardware Specifications



Model	LAPAC1300C	LAPAC1300CE	LAPAC1300CW
Standards	IEEE 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac PoE standards: 802.3af/at Ethernet standards: 802.3, 802.3u and 802.3ab		
Frequency	2.4 GHz and 5 GHz (concurrent)		
MIMO	2x2 with MU-MIMO Wave 2		
Tx Beamforming	✓		
2.4 GHz Physical Data Rate	400 Mbps		
5 GHz Physical Data Rate	867 Mbps		
Number of Antennas (2.4 GHz/5 GHz)	4 Internal (2/2)	4 External SMA Type (2/2)	2 Internal (Dual-band)
Peak Antenna Gain in dBi (FCC)	2.4G: 4.26dBi, 5G: 5.62dBi	2.4G: 5.17dBi, 5G: 5.17dBi	2.4G: 3.58dBi, 5G: 4.89dBi
Peak Antenna Gain in dBi (CE)	2.4G: 4.26dBi, 5G: 5.38dBi	2.4G: 5.17dBi, 5G: 5.09dBi	2.4G: 3.58dBi, 5G: 4.89dBi
Ethernet Ports	1x Gigabit (PoE In)	1x Gigabit (PoE In)	1x Gigabit (PoE In) 1x Gigabit (802.3af PoE Out*) 1x Gigabit
PoE	802.3af/at		
Housing Enclosure (IP Rating)	IP55	Outdoor IP67	-
Mounting Options	Wall and Ceiling	Wall, Ceiling and Pole	In Wall (Wall-Plate)
LED	System	PWR, Ethernet, Internet, Cloud	System
AC Power Adapter (Not Included)	12V/1A	PoE Only	12V/1A
Hardware Reset Button	✓	-	✓
Concurrent Clients	No Software Limit ⁵		
Suggested Max Number of Clients	30-60 ⁵	30-60 ⁵	10-30 ⁵
DFS Support	-	✓	-
Frequency Operating Bands (North America)	2.412-2.474 GHz (Ch 1-11), 5.150-5.250 GHz UNII-1 (Ch 36-48), 5.725-5.850 GHz UNII-3 (Ch 149-161 and 165)		
Frequency Operating Bands (Europe)	2.412-2.484 GHz (Ch 1-13) LAPAC1300C/CW: 5.150-5.250 GHz UNII-1 (Ch 36-48) LAPAC1300CE DFS Mode: 5.470-5.725 GHz UNII-2C (Ch 100-140)		
Max Transmit Power Conducted per Chain (FCC)	2.4G: 22dBm, 5.150-5.250 GHz (UNII-1): 21dBm, 5.725-5.825 GHz (UNII-3): 21dBm	2.4G: 20dBm, 5.150-5.250 GHz (UNII-1): 13dBm, 5.725-5.825 GHz (UNII-3): 20dBm	2.4G: 19dBm, 5.150-5.250 GHz (UNII-1): 19dBm, 5.725-5.825 GHz (UNII-3): 19dBm
Max Transmit Power Conducted per Chain (CE)	2.4G: 14.5dBm, 5.150-5.250 GHz (UNII-1): 17dBm	2.4G: 11dBm, 5.470-5.725 GHz (UNII-2C): 18dBm	2.4G: 14dBm, 5.150-5.250 GHz (UNII-1): 13.5dBm
Physical Dimension (L x W x H)	174.2 x 165.6 x 35.2 mm (6.9 x 6.5 x 1.4 in)	566.4 x 110 x 43 mm (22.3 x 4.33 x 1.69 in)	90 x 140 x 44 mm (3.5 x 5.5 x 1.6 in)
Weight	310 g (0.68 lbs)	440 g (0.97 lbs)	363 g (0.80 lbs)
Maximum Power Consumption	11W	10W	11W (excluding PoE output)
Operating Temperature	0° to 40°C (32° to 104°F)	0° to 50°C (32° to 122°F)	0° to 40°C (32° to 104°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)		
Operating Humidity	0% to 90% (Non-Condensing)		
Storage Humidity	0% to 90% (Non-Condensing)		
Regulatory Certification	FCC Class B, CE Class B, UKCA Class B		
Warranty Period	5 Years (most countries) ⁶		

RF Performance Specifications

Per Chain Target Power Without CTL Limitation ⁷		LAPAC1300C			LAPAC1300CE		LAPAC1300CW	
Operating Band/Mode		Data Rate	Avg. Tx Power	Min. Rx Sensitivity	Avg. Tx Power	Min. Rx Sensitivity	Avg. Tx Power	Min. Rx Sensitivity
2.4 GHz	802.11b 2.4 GHz	1 Mbps	22	-91	19	-90	17	-94
		11 Mbps	22	-88	19	-87	15	-85
	802.11g 2.4 GHz	6 Mbps	22	-88	19	-88	17	-87
		54 Mbps	20	-73	17	-72	15	-69
	802.11n HT20 2.4 GHz	MCS 0	22	-88	19	-88	17	-87
		MCS 7	20	-68	16	-70	15	-66
	802.11n HT40 2.4 GHz	MCS 0	21	-85	19	-84	17	-84
		MCS 7	18	-68	16	-67	15	-65
	802.11ac VHT20 2.4 GHz	MCS 0	22	-88	19	-88	17	-85
		MCS 7	18	-68	15	-66	15	-62
	802.11ac VHT40 2.4 GHz	MCS 0	21	-85	19	-84	17	-83
		MCS 9	17	-63	14	-61	15	-57
5 GHz	802.11a 5 GHz	6 Mbps	21	-88	19	-87	17	-86
		54 Mbps	19	-73	17	-72	15	-66
	802.11n HT20 5 GHz	MCS 0	21	-88	19	-87	17	-85
		MCS 7	18	-69	16	-69	15	-66
	802.11n HT40 5 GHz	MCS 0	21	-84	19	-85	17	-83
		MCS 7	18	-67	16	-66	15	-63
	802.11ac VHT20 5 GHz	MCS 0	21	-87	19	-87	17	-85
		MCS 8	18	-63	15	-66	15	-62
	802.11ac VHT40 5 GHz	MCS 0	20	-84	19	-85	17	-83
		MCS 9	17	-61	14	-61	15	-57
	802.11ac VHT80 5 GHz	MCS 0	20	-81	19	-81	17	-80
		MCS 9	17	-57	14	-58	15	-53

Linksys Cloud Manager Features

Features	Linksys Cloud Manager 2.0
Cloud Management License	Limited Lifetime ¹
Cloud Portal URL	https://cloudmanager.linksys.com
Number of SSIDs	8
VLAN Support per SSID	✓
SSID Authentication	WPA2 PSK/Enterprise
Captive Portal with Splash Page	Cloud Hosted, Fully Customizable
External Splash Page	✓
DHCP/NAT per SSID	✓
Custom DNS	✓
Wireless Client Isolation per SSID	✓
Isolate Wireless SSID from Wired LAN	✓
802.11k Radio Resource Management	✓
802.11r Fast Roaming	✓
Management Interface	Cloud
Device and Bandwidth Statistics	Real-time
Event Notification	Remote Syslog, E-mail Alerts
Ping Tool	✓
Blink LED	✓
Two Factor Authentication	✓
Scheduled Reboot	✓

¹ Cloud Management License included for the Limited Lifetime of the product at no additional cost. Extra fees may apply for add-on cloud services.

² Free Phone Tech Support at 1-877-855-6899 applies to the United States only. For all other regions, please contact your local distributor or Linksys office for support.

³ Actual number of devices supported may vary, more or less total PoE+ power may be available due to device usage and cable distances.

⁴ PoE output/passthrough requires 802.3at PoE+ in.

⁵ Specifications are subject to change without notice. An active, customer-purchased Internet Service Provider broadband account is required for connection of this product and other connected devices to the Internet. Some devices may require additional wireless adapters or an Ethernet cable to connect. Maximum performance derived from IEEE Standard 802.11 specifications. Actual performance may vary, including lower wireless network capacity, data throughput rate, speed, range and coverage. Performance depends upon many factors, conditions and variables, including building materials and construction, volume of network traffic, mix of wireless products used, interference and other adverse conditions. In order to achieve the best performance, this product must be used with compatible AC1200, AC1750 and AC2600 wireless devices. The standard transmission rates — LAPAC1300C/CE/CW: 867 Mbps (for 5 GHz radio), 400 Mbps (for 2.4 GHz) are the physical data rates. Actual data throughput will be lower and may depend on the mix of wireless products used and external factors.

⁶ 5 year warranty applies in all countries except: Australia and New Zealand – 2 year warranty.

⁷ The final conducted output power per chain will take the lower number between hardware capability and CTL based on FCC and CE regulations. Please refer to the regulatory policies for your region for more information.

LAPAC1300C

Antenna Patterns



ANTENNA PATTERNS

LAPAC1300C



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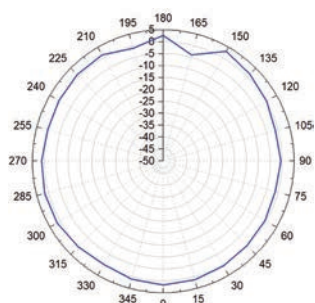


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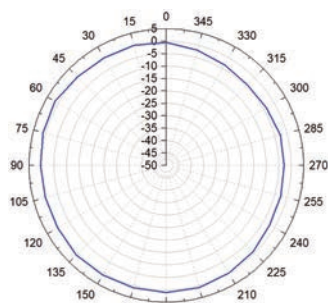


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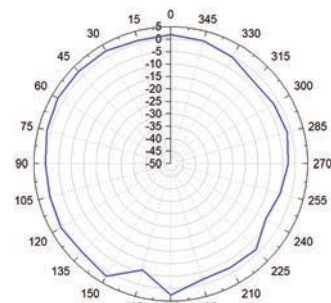
Radiation Patterns for 2.4 GHz Antennas



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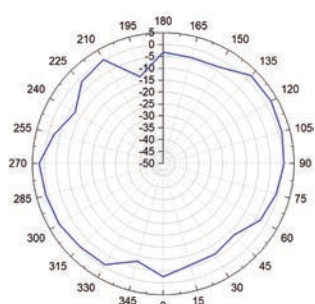


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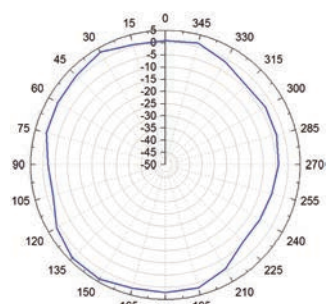


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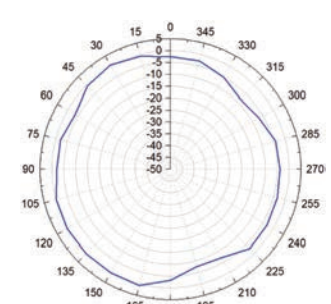
Radiation Patterns for 5 GHz Antennas



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LAPAC1300CE

Antenna Patterns



ANTENNA PATTERNS LAPAC1300CE



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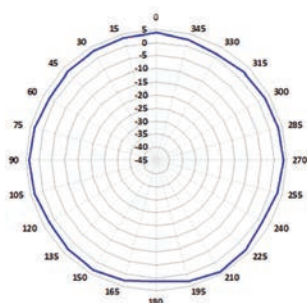


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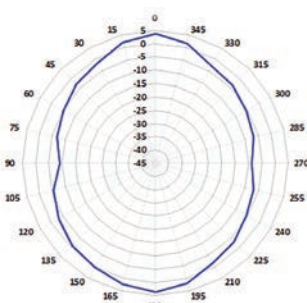


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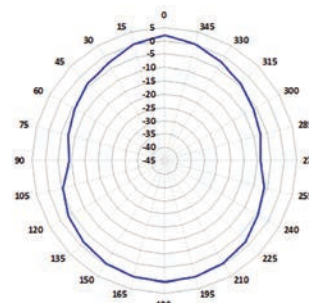
Radiation Patterns for 2.4 GHz Antennas



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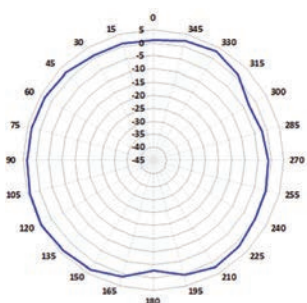


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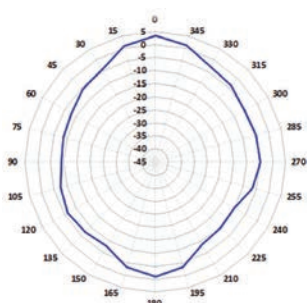


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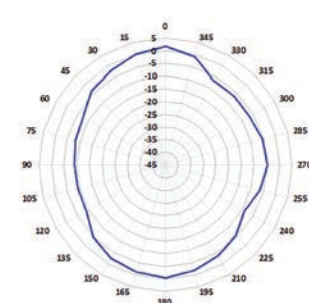
Radiation Patterns for 5 GHz Antennas



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LAPAC1300CW

Antenna Patterns



ANTENNA PATTERNS LAPAC1300CW



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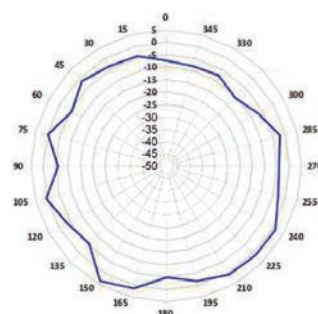


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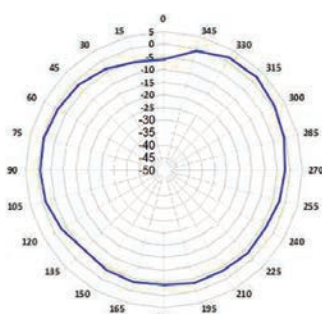


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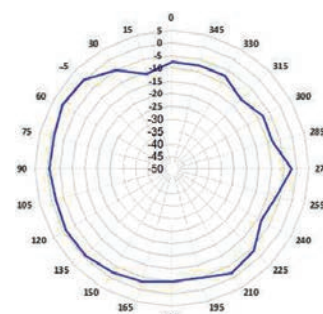
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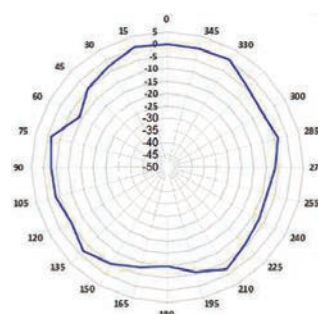


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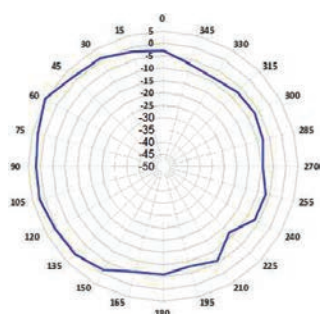


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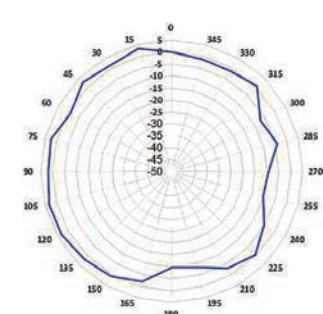
Radiation Patterns for 5 GHz Antennas



XZ-cut



XY-cut



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