



# PLC 1200+ WiFi ac

PLC combined with Wi-Fi! Easy home wireless network via the power line.

This professional PLC-WiFi-adapter combines all the high-end network technologies in one housing: Wi-Fi access point, two LAN ports for connecting network-compatible devices and integrated electrical socket.

**devolo PLC** The home network from the power outlet. Unpack. Plug it in. Get started. The easy way to connect using your home's power lines. Turn any power outlet into an Internet access point.

**1200 Mbps** High-speed data transmission at powerline speeds of up to 1,200 Mbps and 2 Gigabit LAN Ethernet connection for connecting an additional terminal device (such as Smart TV, Set-Top-Box, etc.)

**WiFi ac** Easy set-up of Wi-Fi zones (Wireless access points) in the PLC home network. Optimum Wi-Fi coverage in every desired room or every floor of the home. The best Wi-Fi connection for smartphones, laptops and tablets.

**MIMO TECHNOLOGY** For the intelligent use of all 3 physical wires in a power circuit to double the data throughput.

**Integrated socket** The integrated electrical socket ensures that no power outlet is lost! You can connect terminal devices and power strips directly to the adapter.

**WPS** Automatic encryption! Active protection from unauthorised access at the touch of a button for Wi-Fi (WPS) and dLAN® (AES). From the very start!

**PowerSave** The exclusive PowerSave technology from devolo provides minimum energy consumption that is continuous, intelligent and entirely automatic.

**No.1 Best-selling in Europe** Rely on the Number 1. Your global market leader for Powerline home networking. As usual, with maximum performance, exclusive technologies and international patents.

**TR-069 SUPPORT** The adapter offers TR-069 remote configuration for excellent and cost-efficient customer support. TR-069 enables a comprehensive remote error analysis for Internet service providers, right down to the PLC adapter.

## Highlight



WiFi sync & clone inside.

With WiFi Sync Technology, devolo has developed a one-of-a-kind technology for the best possible Wi-Fi coverage throughout the home. Multiple Powerline-based Wi-Fi access points set up a building-wide Wi-Fi network, in which all wireless terminal devices such as smartphones, tablets and laptops connect automatically to the access point with the strongest signal. In this way, UMTS /LTE network capacities are preserved and high bandwidths are guaranteed for all digital services. The WPS Clone Mode makes for a particularly easy set-up: At the touch of a button, data such as SSID and password as well as the settings for the child-safety feature and time control are transmitted to all WiFi Sync adapters.

# Technical data

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, Auto MDI/X, IEEE 802.11 a, b, g, n, ac (2,4 GHz/5 GHz concurrent), IEEE 802.1p, Wi-Fi Alliance, HomePlug, IEEE 1901
Processor	PLC AR7500 + WiFi AR9344 (802.11n) + QCA9882 (802.11ac) + QCA 8337 (Gigabit Ethernet)
Protocols	CSMA/CA (Powerline)
Transmission speeds & method	Ethernet 10/100/1000 (mbps), Powerline 200/500/600/1200 (mbps), WiFi asynchronous, (866 Mbps on 5 GHz band + 300 Mbps on 2.4 GHz band)
Modulation • Carrier	Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK • Powerline 2880 Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11a, g, n, ac) • Wi-Fi 32
Data path	Ethernet <-> power supply grid / power supply grid <-> Wireless / Ethernet <-> Wireless
MIMO Technology	Yes
Range (in m)	Powerline: 300, WiFi: 300
Security	WPA/WPA2, WPS PIN, WPS PBC, MAC-Address Filter, WiFi Time Schedule, 128 Bit AES Powerline
LEDs	PLC (Quality Indicator), WiFi
Socket / Connector / Countries	DE, NL, ES, PT, AT, SE, FI, NO, GR, HU, LU: Typ F (CEE 7/4) / Typ F (CEE 7/4), FR, BE, PL: Typ E (CEE 7/5) / Typ E + F (CEE 7/7), UK, CY: Typ G (BS 1363) / Typ G (BS 1363), CH: Typ J (SEV 1011) / Typ J (SEV 1011)
Device port	2 x Ethernet RJ45, 2 x integrated Antenna (2,4 GHz and 2 x integrated Antenna 5 GHz)
Power output	16 A (to integrated socket)
Attenuation filter	2 - 68 MHz
Filter characteristics	-22 db to -45 db
Power supply	internal, 196-250 V AC, 50 Hz
Temperature	-25°C to 70°C • 0°C to 40°C (Storage • Operating)
Dimensions & weight	152 x 76 x 40, (in mm, without plug). 350 g
Ambient conditions	10-90% Humidity (non-condensing)
Compatibility	Compatible with 200/500/600 Mbps HomePlug AV
Quality of Service Features	<ul style="list-style-type: none"> <li>• Data prioritisation for quality assurance of real time applications (e.g. VoIP or IPTV)</li> <li>• FEC (Forward Error Correction) and Retransmissions</li> <li>• 4 priority levels</li> <li>• Priority levels can be adapted individually for the application (depending on the project)</li> </ul>
Buttons	Pairing/WPS, WiFi on/off, Factory Default
Certifications	CE Class B (EU, CH, NO)

