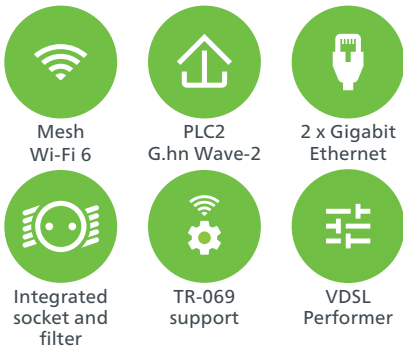


PLC2 2400+ WiFi 6

# Technical Specifications



## Mesh Wi-Fi everywhere: The fastest Powerline adapter in the world – now with Wi-Fi 6

Powerful Wi-Fi 6 Mesh network throughout the house. The devolo Powerline adapter reliably brings high-speed Internet through ceilings and walls into every room.

### Product Features

- **Mesh Wi-Fi 6**  
Technical features such as OFDMA, Access Point Steering, bidirectional MU-MIMO, Airtime Fairness, Roaming, etc. enable seamless Mesh Wi-Fi-coverage throughout the home.
- **VDSL Performer**  
The patented VDSL Performer ensures optimum interaction of VDSL and Powerline.
- **G.hn Wave 2**  
The next generation of Powerline Communication (PLC). The perfect backbone for Mesh Wi-Fi, using the existing cabling. Every power socket becomes a potential Wi-Fi access point.
- **Extra powerful for many users**  
IPTV, Online Gaming, Home Office, Streaming, etc. - and all at the same time! Thanks to Mesh Wi-Fi 6 and the latest G.hn powerline technology.
- **Integrated Socket**  
The integrated socket has a mains filter for interference-free and higher-performance data transmission. No power socket is lost!

### Additional Features

- **Incorporation into devolo Hybrid Mesh networks**  
The adapter can be integrated into an existing devolo Powerline Wi-Fi Mesh network at the touch of a button. Existing configuration data such as SSID, Wi-Fi password, guest network, time control setting and parental controls are synchronised in the network.
- **Improved service thanks to TR-069 remote management\***  
For perfect and cost-effective customer support – from comprehensive ad hoc troubleshooting, Big Data and remote firmware updates to local changes to adapter settings – countless options and functions are available.
- **Faster roll-out thanks to TR-069 support for retail adapters\***  
devolo now also offers the TR-069 option for standard retail adapters. This can significantly reduce the time-to-market for large-scale roll-outs. When the adapter is set up for the first time, it is updated to the ISP-specific TR-069 specification.
- **Firmware management\***  
devolo offers network operators its proprietary firmware management solution as a service for all devolo OEM and standard retail adapters.

\*Quantity-based option

# PLC2 2400+ WiFi 6

## Technical Data

<b>Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az, IEEE 802.11 a, b, g, n, ac, ax, k, v, r (2.4 / 5 GHz concurrent)
<b>Processors</b>	G.hn Wave 2 88LX5152 / Wi-Fi IPQ6000 + QCN 5022/5052
<b>Protocols</b>	CSMA/CA (Powerline)
<b>Transmission speeds &amp; methods</b>	Ethernet 10/100/1.000 Mbps; Wi-Fi 2,4 GHz up to 574 Mbps, 5 GHz up to 1201 Mbps; Powerline 2400 Mbps (MIMO), 1200 Mbps (SISO)
<b>MIMO technology</b>	Yes
<b>Modulation • carrier</b>	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 OFDMA (IEEE 802.11ax) • Wi-Fi 32
<b>Range (in m)</b>	Wi-Fi: 300 / Powerline: 500
<b>Security</b>	128-Bit-AES encryption via powerline, pairing: can be activated directly by pressing a button (random key) or manually and individually using software, Wi-Fi: WPS PIN, WPS PBC, Wi-Fi Time Schedule
<b>LEDs</b>	Wi-Fi: on/off Powerline: connected / disconnected
<b>Buttons</b>	Wi-Fi: WPS Powerline: connect Reset: Restart / Factory reset
<b>Socket • connector • countries</b>	Type F (CEE 7/4) Ampacity: 16A Type E (CEE 7/5) Ampacity: 15A Type G (BS1363) Ampacity: 13A Type J (SEV 1011) Ampacity: 10A
<b>Device port</b>	2 x Ethernet RJ45
<b>Power output</b>	230 V / 16 A max. (to integrated socket), attenuation filter: 2-80 MHz
<b>Filter characteristics</b>	-22 db to -45 db
<b>Power consumption</b>	Maximum: 12,4 W, typical: 8,2 W, stand-by: 2,5 W
<b>Power supply</b>	Internal, 196-250 V AC, 50 Hz
<b>Temperature</b>	-25°C to 70°C (storage) • 0°C to 40°C (operating)
<b>Dimensions and weight</b>	152 x 76 x 40 mm (height x width x depth). Approx. 374 g
<b>Ambient conditions</b>	10-90% humidity (non-condensing)
<b>Compatibility</b>	Compatible to G.hn Wave 1, coexistent to HomePlug AV, improved VDSL interoperability to 17a and 35b, API for app support
<b>Quality of service features</b>	- Data prioritisation for quality assurance of real time applications (e.g. VoIP or IPTV) - FEC (Forward Error Correction) and retransmissions - 4 priority levels - Priority levels can be adapted individually for the application (depending on the project)
<b>devolo managed Services</b>	Managed FW update

