

Get Wired for Media

Create a home network, instantly—just plug in this kit's two Powerline AV Network Kit and turn your home's wiring into a network for your digital devices. Media-optimized HomePlug AV technology offers performance ideal for HD video, music, gaming and Voice-over-Internet calling. Kit includes 1 four-port adapter and 1 single-port adapter, for a complete network.

Plug & Play

Instantly transform your home's electrical power lines into a high-speed computer network. Easy setup: plug one of these sleek, small Ethernet adapters into an ordinary wall outlet in every room you want connected—no drilling or extra wiring required.

Connect & Share

Quickly network computers, printers, storage drives, Internet modems, and other Ethernet-enabled digital devices. Just plug in to an adapter and you're ready to start communicating and sharing.

Speedy & More Secure

HomePlug AV technology is designed to give you fast transmission speeds up to 200 Mbps. Great for delivering media. Enjoy high-definition video, head-to-head computer gaming, music streaming, Voice-over-IP calling, as well as file sharing and printing. And do it more securely: 128-bit encryption helps keep your data protected and private.

Grows With You

Kit includes everything you need to get started: one single-port adapter—and one 4-port adapter let you connect 5 Ethernet-enabled devices right out of the box (4 in one location, 1 in another). When you're ready for more connections, just plug in other adapters wherever you want them.

DATASHEET

Use your existing powerlines to network your computers and other devices

Share files, printers, storage, and networked games throughout your home — connect it to a router to share your Cable or DSL Internet connection

Easily add more devices to your network by plugging additional adapters into electrical outlets

HomePlug[®] AV technology for data rates up to 200Mbps*

Kit includes one single-port and one four-port adapter



Powerline AV Network Kit

Model: PLK300

Features

- Works with HomePlug AV enabled devices
- Enable data transferring through existing power line
- Up to 200Mbps transfer rate at physical layer
- 128-bit AES Encryption with Key Management
- Supports 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO modulation schemes
- Supports TCP/IP, compatible with standard routers and networked devices
- Integrated Quality of Service (QoS) Enhancements: contention-free access, four-level priority based contention access, and multi segment bursting
- TDMA and priority based CSMA/CA channel access schemes maximize efficiency and throughput
- Built-in 4 Ethernet ports of PLS300 provide connection to up to 4 devices



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Specifications

Model	PLK300
Standards	HomePlug AV, IEEE 802.3, IEEE 802.3u
Ports	PLE300: Power, Ethernet PLS300: Power, Ethernet 1-4
Buttons	PLE300: Reset, HomePlug Simple Connect Button PLS300: Reset, HomePlug Simple Connect Button
LEDs	PLE300: Power, Powerline, Ethernet PLS300: Power, Powerline, Ethernet 1-4
Cabling Type	RJ-45, Power
Security features	128-bit AES Link Encryption
Security key bits	128

Environmental

Dimensions	PLE300: 5.83" x 1.38" x 4.06" PLS300: 5.83" x 1.38" x 4.06"
Weight	PLE300: 6.17 oz PLS300: 6.70 oz
Power	100-240V AC, 50-60Hz
Certification	FCC, CE, UL, IC
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 70°C)
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Powerline AV Network Adapter
- Powerline AV 4-Port Network Adapter
- User Guide on CD-ROM
- 2 Ethernet network cables
- 2 Power cords
- 2 Stands
- Quick Installation Guide

Minimum Requirements

- PC or other device with Ethernet network adapter
- AC power outlet

The maximum performance for wireless is 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.

Specifications are subject to change without notice.

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