Powerline 500 AV Nano Adapter Kit

TPL-406E2K (v2.0R)

- Includes two TPL-406E adapters
- Expand your network with this Powerline adapter
- Easy no-CD installation
- Two Powerline devices are required to start a network

TRENDnet's Powerline 500 AV Nano Adapter Kit, model TPL-406E2K, uses an electrical outlet to create a high speed network. Two adapters are needed to start a network. Connect one adapter to your router and plug another adapter into an outlet on your electrical system for instant high-speed network access. The compact form factor saves space around crowded electrical outlets. Use up to 8 adapters to network devices in different rooms without running new cabling.

Powerline

Adapters
Includes two TPL-406E adapters

Link Button
Press the Link button to change existing Powerline encryption keys

Pre-Encrypted
For your security the Powerline signal is pre-encrypted

Powerline 500
High speed Powerline networking over existing electrical lines

Ethernet Port
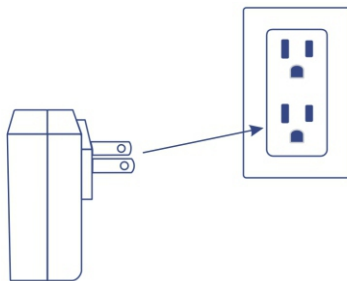Convenient Ethernet port to hardwire computer, smart TV, or other network enabled device

Cross Compatible
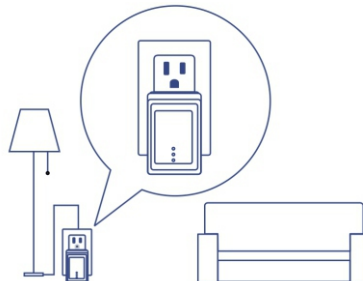Backward compatible with all Powerline 600, 500, and 200 adapters

Quick Setup
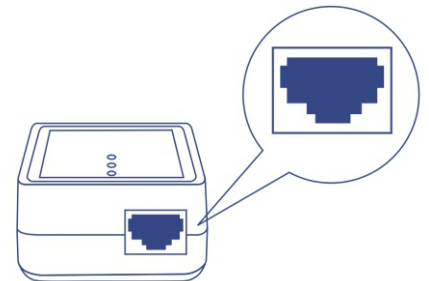Get up and running in minutes with the intuitive guided setup

Plug In Install
Simply plug in TRENDnet adapters! The encrypted Powerline signal auto-connects over an existing electrical system.
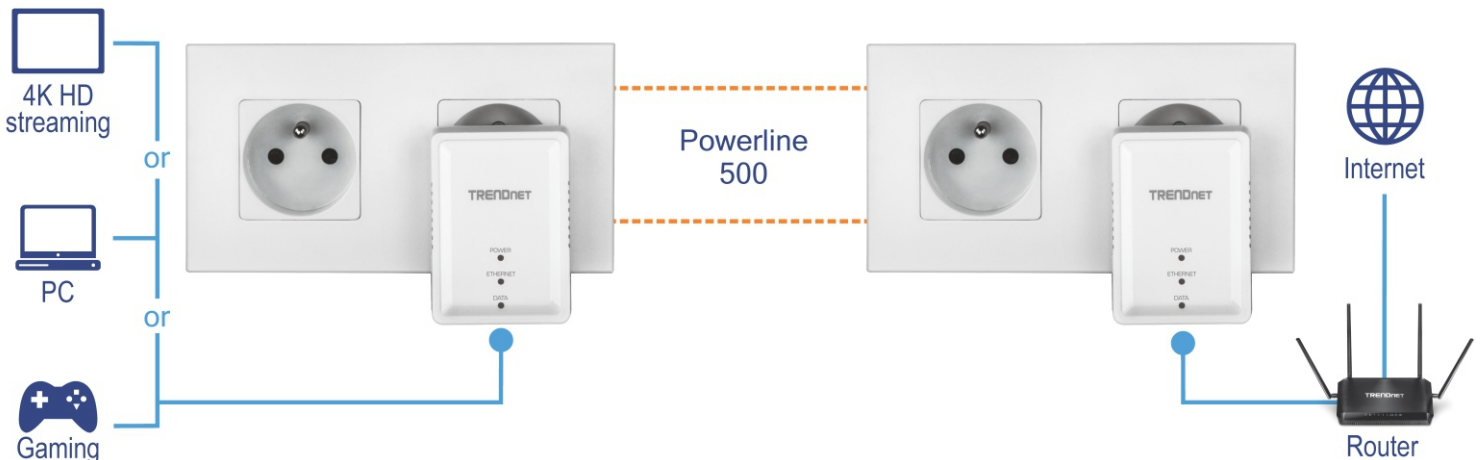
No Clutter
The compact form factor stays off the ground by plugging directly into an outlet.

Ethernet Port
Ethernet port extends high performance wired connections.

Networking Solution

4K HD streaming

or

PC

or

Gaming

Powerline 500

TRENDnet

POWER
ETHERNET
DATA

TRENDnet

POWER
ETHERNET
DATA

Internet

Router

Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 1901

Device Interfaces
- Ethernet port
- Link / reset button
- Status LEDs
- Power plug
    - A: North America Type B (NEMA 5–15)
    - EU: Euro Type C (CEE 7/16)
    - UK: United Kingdom Type G (BS 1363)

Frequency Band
- 2 – 68 MHz

Data PHY Rate
- Ethernet: up to 200 Mbps (Full Duplex mode)

Networking Distance
- Up to 300 m (980 ft.) linear distance over electrical power lines

Security
- 128-Bit AES (Advanced Encryption Standard)

Optional Utility: OS Compatibility
- Windows® 10, 8.1, 8, 7, Vista, XP

Nodes
- Up to 8 (max.)

Overlapping Powerline Networks
- Up to 4 (per electrical system)

Power
- Input: 100 – 240 V AC, 50/60 Hz
- Consumption: Active mode: 2.7 Watts (max.); Standby mode: 0.34 Watts (max.)

Operating Temperature
- 0 – 40 °C (32 – 104 °F)

Operating Humidity
- Max. 90 % non-condensing

Certifications
- CE
- FCC

Dimensions
- 68 x 55 x 28 mm (2.7 x 2.2 x 1.1 in.)

Weight
- A: 64 g (2.2 oz.)
- EU: 68 g (2.4 oz.)
- UK: 68 g (2.4 oz.)

Warranty
- 3 year limited

Package Contents
- 2 x TPL-406E
- Quick Installation Guide
- 2 x Network cable (1.5 m / 5 ft.)