

# AV1000 Gigabit Powerline Starter Kit

## Model: MP500 KIT

### // Highlights

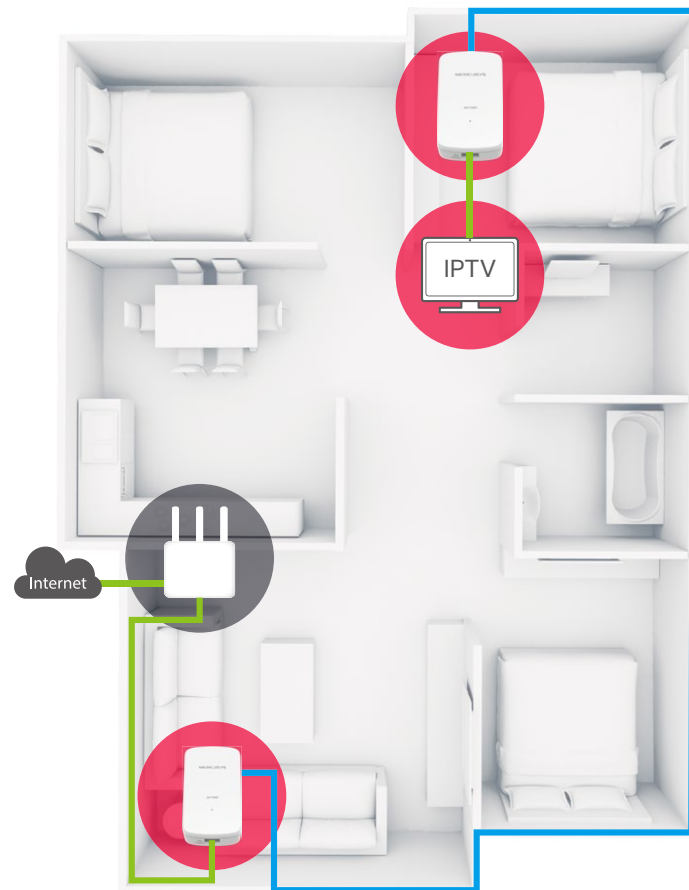
- 1000 Mbps High-Speed Transfer Rate – Fast and Stable Transmissions with Advanced HomePlug AV2
- Super-Fast Wired Connection – A Gigabit Port for PCs, IPTVs, and Game Consoles
- Plug and Play – Say Goodbye to Complex Wiring and Configuration
- 4K Streaming Mate – Enjoy an Extended Network Everywhere



## // Applications

Enjoy an Extended Network Everywhere over Your Existing Electrical Circuit

- Electrical Wiring
- Ethernet Cable



## // Features

### High-Speed Powerline Transmissions

Equipped with advanced HomePlug AV2 technology, the ultra-fast data transmission rate reaches up to 1000 Mbps for a high-quality network from any one of your outlets.



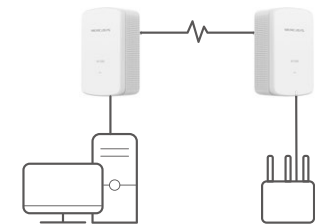
### Power Saving

Go green with your adapters by automatically switching to power saving mode when the adapters are not in use, conserving power by up to 85%.



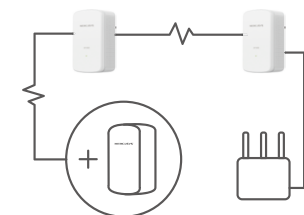
### Plug and Play

Without complex wiring and configuration, immediately extend your network as soon as you connect one MP500 to your router and plug another one into an outlet.



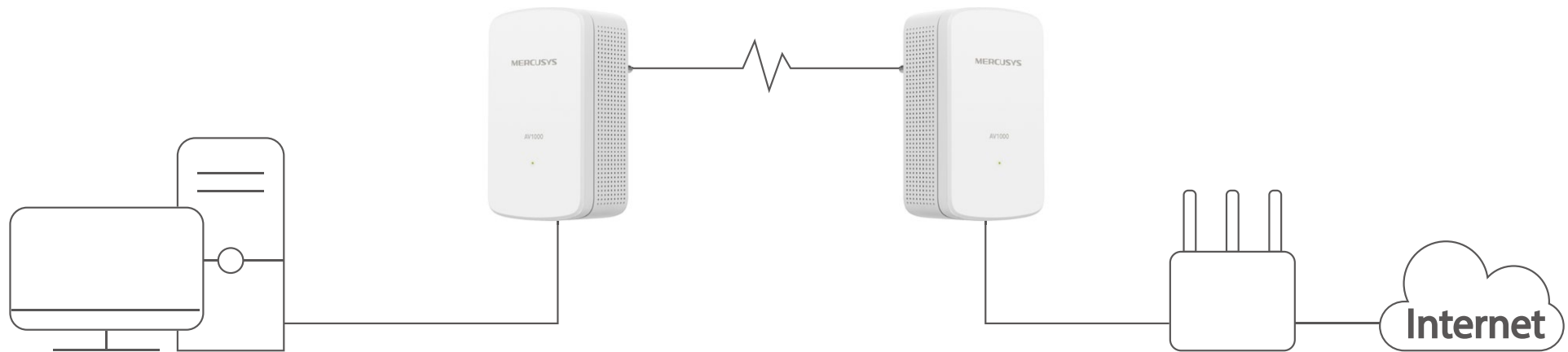
### Easy Expansion

If a typical two-pack kit doesn't meet all your networking needs, simply add more Powerline adapters to expand your network to any room.



## // Connections

No complex wiring and configuration, just Plug and Play



## // Specifications

### Physical Specifications

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**Plug Type:** EU

**Standards:** HomePlug AV2, IEEE 802.3, IEEE 802.3u

**Power Consumption:** Maximum: 2.87W (220V/50Hz)

Typical: 2.35W (220V/50Hz)

Standby: 0.64W (220V/50Hz)

**Range:** 300 Meters over electrical circuit

**Interface:** 1x Gigabit Port

**Button:** Pair/Reset Button

**LED Indicator:** Power

**Dimensions (L x W x H):** 101 × 60 × 36 mm

**LED Indicator**

**Pair/Reset Button**

**Gigabit Port**



### Software Specifications

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**Modulation Technology:** OFDM (PLC)

**Encryption:** Powerline Security: 128-bit AES

**Compatibility:**

Compatible with all routers and HomePlug AV/AV2 powerline adapters

### Other Specifications

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**Certification:** CE, RoHS

**Package Contents**

- AV1000 Gigabit Powerline Starter Kit
- 2× MP500
- Quick Installation Guide
- 2× RJ45 Ethernet Cables

**System Requirements:**

Windows 2000/XP/2003/Vista, Windows 7/8/8.1/10, Mac, Linux

**Environment**

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Operating Humidity: 10%~90% Non-Condensing
- Storage Humidity: 5%~90% Non-Condensing

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\*Maximum Powerline signal rates are the physical rates derived from HomePlug AV/AV2 specifications. Actual Powerline data throughput and Powerline range are not guaranteed and will vary as a result of network conditions and environmental factors, including electrical interference, volume of traffic and network overhead, AFCI circuit breaker, and Powerline being on a separate circuit.

\*Compatible with all HomePlug AV and AV2 Standard Powerline adapters. This product may not be compatible with routers or gateways with firmware that have been altered, are based on open source programs, or are non-standard or outdated.