

PlugLink® AV 9560

HomePlug® Wireless Adapter



An Instant Hotspot

Set up or extend your wireless network

Wireless routers often do not provide entire house coverage. The PlugLink® AV 9560 Wireless Adapter from Asoka® extends the coverage of a wireless network quickly and simply.



An Instant Wireless Hotspot

Combining advance HomePlug® technology to maximize the efficiency of the world's most pervasive and ubiquitous network architecture—the electrical wiring—as the network backbone, the PlugLink AV 9560 Wireless Adapter simply plugs into any power outlet for easy wireless connectivity when paired with the PlugLink AV 9660 Ethernet Adapter (PL9660-ETH).

The World's Most Versatile Networking Adapter

The PlugLink AV 9560 Wireless Adapter is possibly the world's most versatile network adapter. Besides eliminating the need to pull Ethernet cable to reach the wireless adapter when setting up a wireless network, the PlugLink AV 9560 Wireless Adapter features an additional Ethernet port that provides a direct Ethernet connection to a personal computer while simultaneously linking multiple laptops through a wireless network.

Secure and Reliable

The PlugLink AV 9560 Wireless Adapter supports 128b AES encryption over powerline links and 64b/128b WEP, WPA and WPA2 wireless encryption

modes are supported to ensure highly reliable and secure data communication.

Faster Speeds for a Multitude of Applications

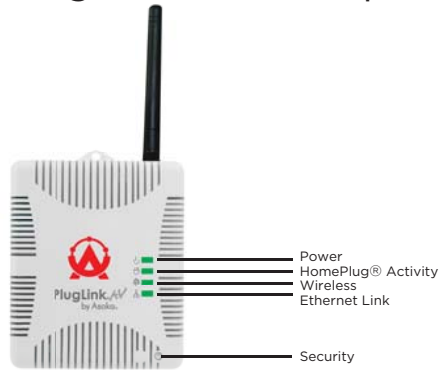
Supporting technologies such as 802.11b/g, the PlugLink AV 9560 Wireless Adapter delivers wireless speeds up to 54 Mbps and up to 200 Mbps over the electrical wiring – providing maximum flexibility and performance. Operating at these blazing speeds, the PlugLink AV 9560 Wireless Adapter provides a network solution that does more than just share a broadband connection. With the PlugLink AV 9560 Wireless Adapter, even streaming digital audio and video files can be shared wirelessly.

Network to the Max

The PlugLink AV 9560 Wireless Adapter can bridge and extend an existing wireless network provided by a residential gateway. When paired with the PlugLink AV 9560 Wireless Adapter, the PlugLink AV 9560 Wireless Adapter extends the wireless network to avoid dead spots. Using existing electrical wiring, the PlugLink AV 9560 Wireless Adapter provides the utmost flexibility in building a wireless network.

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Suitable Applications

High Definition TV (HDTV) distribution
IPTV
High Data Rate Broadband Sharing
Audio and Video Streaming
Voice Over IP (VOIP)
PC Files and Applications Sharing
Network and Online Gaming
Security Cameras and Video Server

System Requirements for the Configuration Software

Windows® 98 SE, ME, 2000, XP and Vista
CD-ROM drive

Standards & Protocols

IEEE 802.3
IEEE 802.3x
IEEE 802.3u
HomePlug@AV

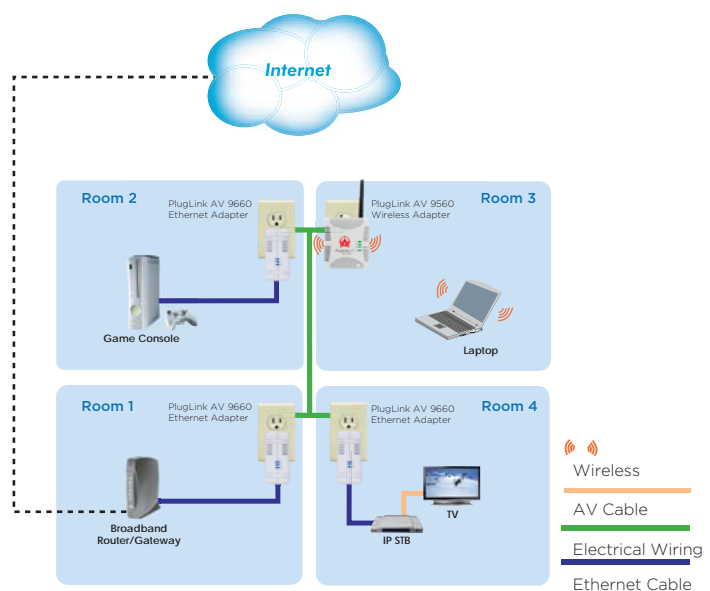
Specifications

Network Protocol: TCP/IP, CSMA/CA, TDMA (*)
Network Interface: Ethernet RJ-45 (1 10/100M port), PLC
Bandwidth: PLC 200 Mbps
Wireless Bandwidth: 54 Mbps
Distance (Range): PLC 200 meters
Powerline Security: 128-bit AES Encryption
Wireless Security: 64b/128b WEP, WPA, & WPA2
Powerline Operation Frequency: 2-30 MHz
Modulation Support: OFDM, QAM 1024/256/64/16,
QPSK, BPSK
Quality of Service (QoS): ToS, 802.1q, TDMA (*)
Power Rating: 100VAC-240VAC
Safety & EMI: FCC, UL, cUL, CE
Surge Protection: 4KV

Package Contents

PlugLink®AV 9560 HomePlug® Wireless Adapter
Quick Installation Guide
Warranty & Support Card
Resource CD

Typical Network Diagram



Available Plug Types:



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(*) TDMA will be supported in the future.