

High-Speed Powerline Networking



PLB85/N

- ❖ High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
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Features

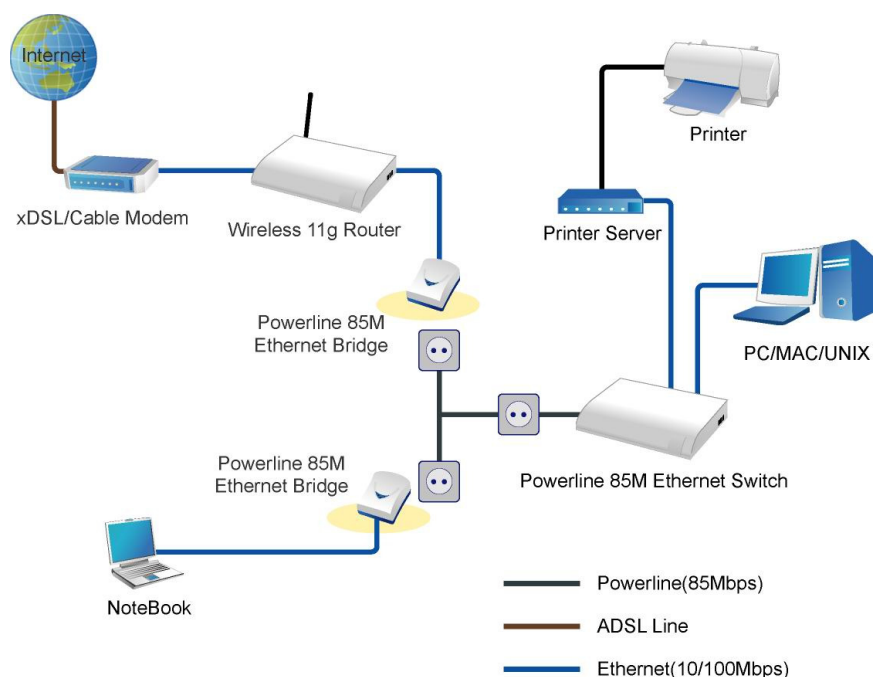
- High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
- The high-speed transfer rates of 85Mbps even make it possible to transmit video in DVD quality
- No need new wires and use at any power socket with up to ranges of 200 meters
- Simple plug and easy to install
- Fully compliant with IEEE 802.3 / 802.3u and HomePlug 1.0 / Turbo Standard
- Provide 56-bit DES link encryption for Powerline networks
- Up to 85Mbps data rate on powerline networking
- Allow user to connect PCs and other devices conveniently via any power outlet at home

High-Speed Powerline Networking

Specifications

Standard <ul style="list-style-type: none">• IEEE 802.3 / 802.3u Ethernet Standards• HomePlug 1.0 / Turbo Standard	Security <ul style="list-style-type: none">• 56 bits DES link encryption
Frequency Band <ul style="list-style-type: none">• 4.3Mhz – 20.9Mhz	Operating Range <ul style="list-style-type: none">• Ranges of 200 meters
QoS <ul style="list-style-type: none">• Prioritized random access, contention-free access and segment bursting• CSMA/CA with prioritization and ARQ for reliable delivery of Ethernet packets via Packet Encapsulation	Data Rate <ul style="list-style-type: none">• Up to Turbo 85Mbps high speeds!
Port <ul style="list-style-type: none">• One 10/100Mbps Auto Cross-over Ethernet, RJ45	Led indicator <ul style="list-style-type: none">• 3 LEDs for powerline networking status, power Ethernet activity
Powerline Modulation <ul style="list-style-type: none">• OFDM (Orthogonal Frequency Division Multiplexing) with patented signal processing techniques for high data reliability in noisy media conditions• Supports QAM 256/64/16, DQPSK, DBPSK and ROBO modulation schemes	Temperature <ul style="list-style-type: none">• Storage Temperature: -20°C~70°C• Operating Temperature: 0° C ~40° C
	Humidity <ul style="list-style-type: none">• Storage Humidity: 5%~95% R/H (max).• Operating Humidity: 10%~90% R/H (max)
	Regulatory Approvals <ul style="list-style-type: none">• FCC, CE, LVD

Application:



FC CE

ACEEX

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