

PLC (200Mbps) Ethernet Adaptor



Specifications

- Interface: RJ-45 ETH. LAN
- Physical Data Rate: 200Mbps
- Retrieve Diagnostics
- Remote upgrade
- Bandwidth Limiting of Transmitted Data
- TX Enable/Disable for Slaves
- Static Neighbor Network Support
- Enhanced IPv6 MLD Snooping
- Power Requirement: AC 96V~240V 8W,
- Operating Requirement: 0 to 70° C, 10 to 90% (non-condensing)
- Supports IGMP managed multicast sessions
- Co-existence with HomePlug® 1.0 Nodes
- ToS, CoS and IP Port Number Packet Classifiers
- Certification: CE,

Chipsets

- INT6400 + i1400 chipset

Features

- TX amplifier offers programmable gain control
- Includes RX Programmable Gain Amplifier
- Designed to work over any wired medium (power line, coax, twisted pair)
- HomePlug® AV PHY: 200 Mbps? Supports 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO Modulation Schemes
- 128-bit AES Link Encryption with key management for secure powerline communications
- Windowed OFDM with noise mitigation based on patented line synchronization techniques improves data integrity in noisy conditions
- Dynamic channel adaptation and channel estimation maximizes throughput in harsh channel conditions
- Advanced Turbo Code Forward Error Correction
- Green Standard (ROHS) Compliant
- Support for HomePlug AV standard - 200Mbps for whole home high definition video streaming
- Power Saving Mode enabling lower power consumption
- HomePlug 1.0 Coexistence