

Powerline 200M 11n Extender



NPL200/X

- ❖ Integrated Wireless Internet Access Originate from any Power Outlet at Home
 - ❖ Provide Wireless link up to 300Mbps for 11n clients
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Features

- Compliant with IEEE 802.11b/g and IEEE 802.11n draft 2.0 standards
- Integrated with wireless and powerline networks make the connection more convenient
- Supports data rates up to 300Mbps for wireless 11n networks
- Supports wireless operating mode as AP, WDS mode
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security
- Supports operation mode in Infrastructure function
- 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 Ethernet standards and HomePlug AV standards
- Provide 128-bit AES Link Encryption with key management for secure Powerline communications
- Supports up to 200Mbps data rates for powerline networking
- Integrated Enhanced Quality of Service (QoS) features: eight levels of prioritized random access, contention free access, and segment bursting
- Allow user to connect PCs and other devices conveniently via any power outlet at home
- Co-exists with Powerline 14M and Powerline 85M

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Specifications

Wireless Features <ul style="list-style-type: none">• Support IEEE 802.11b/g, 802.11n draft 2.0 Standard• Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x• Transmit Power: 17dBm \pm 2dBm
Modulation Types Supported <ul style="list-style-type: none">• OFDM: BPSK, QPSK, 16QAM, 64QAM• DSSS: DBPSK, DQPSK, CCK (11b)
Data Rates Supported <ul style="list-style-type: none">• IEEE 802.11b: 1, 2, 5.5 and 11 Mbps• IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps• IEEE 802.11n(draft): up to 300Mbps
Management Features <ul style="list-style-type: none">• Firmware upgrade via HTTP• WLAN and LAN side connection statistics• Password protected access
Physical Interfaces <ul style="list-style-type: none">• 1 RJ-45 10/100Mbps LAN Ports• 1 Power Jack• 3 Fixed Antenna• 1 Secure and 1 Reset button
Security Features <ul style="list-style-type: none">• Password protected configuration access
Ethernet Features <ul style="list-style-type: none">• Compliant with IEEE 802.3 and 802.3u 10/100 Mbps• Support auto-crossover (MDI/MDI-X)
Frequency Band (Powerline) <ul style="list-style-type: none">• 2 MHz – 28 MHz
Powerline Features <ul style="list-style-type: none">• Data transfers at up to 200 Mbps over the household power circuit• Ranges of 200 meters• No need new wires for Home networking• High-speed Internet and DVD-quality video streaming• Easy to install• Throughout the whole house, just use your power circuit to access the Internet or PC network• Orthogonal Frequency Division Multiplexing for high data reliability in noisy media conditions• 128 bits AES Link encryption
HTTP Web-Based Management <ul style="list-style-type: none">• Firmware upgrade by HTTP• Customizable Web pages• WLAN and LAN side connection statistics• Password protected access

Temperature

- Storage Temperature: -20°C~70°C
- Operating Temperature: 0° C ~40° C

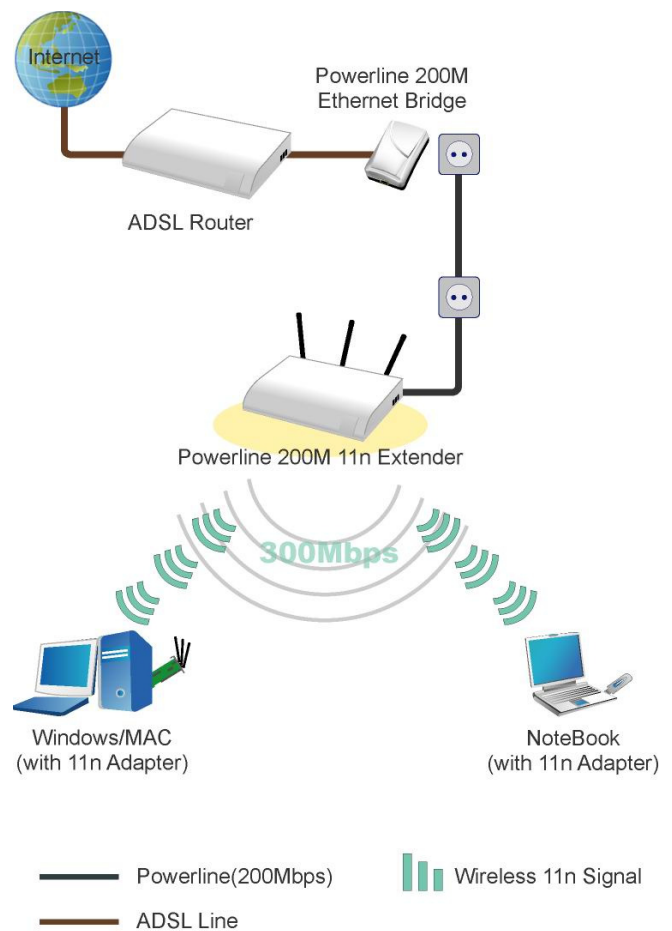
Humidity

- Storage Humidity: 5%~95% R/H (max).
- Operating Humidity: 10%~90% R/H (max)

Regulatory Approvals

- FCC, CE, LVD

Application:



FCCEO

ACEEX

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