

# Corinex AV200 Powerline Router

**The only 200 Mbps  
AV Powerline Router  
in the World!**



The AV200 Powerline Router from Corinex, based on the pre-UPA standard, provides amazing high speed networking possibilities with a physical layer transfer rate of up to 200 Mbps. Finally, you can bring real world multimedia network applications into your home without adding any new wiring! Plug in a Corinex AV200 Powerline Router, and every electrical outlet in your home, office, or MDU becomes a high-bandwidth network connection. The high bandwidth provided by the Corinex AV200 technology allows for flawless multiplayer gaming, high quality video and audio streaming, shared Internet access, high-speed file transfer, and surveillance applications all at the same time.

The Corinex AV200 Powerline Router, with its built-in firewall and enhanced security features, is easily installed and configured from any standard JavaScript-enabled web browser.

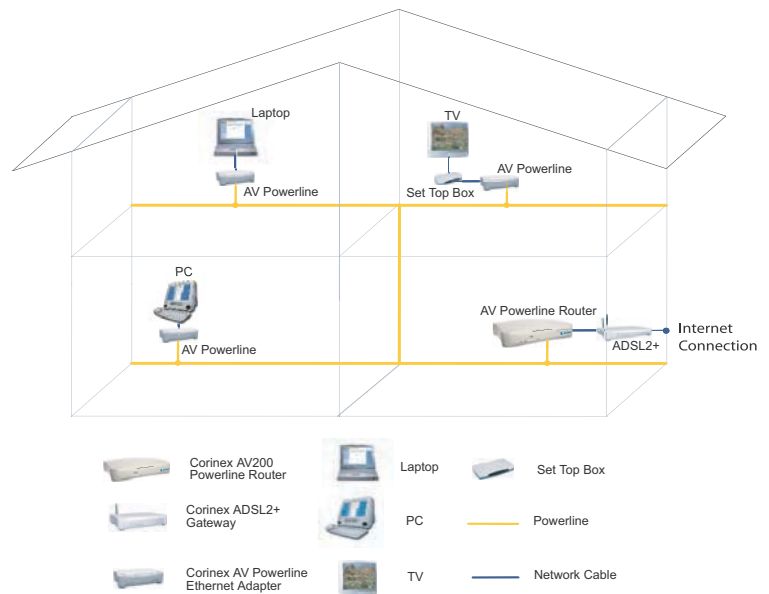
## Build Your Own Broadband Network

The Corinex AV200 Powerline Router enables shared Internet access by assigning local IP addresses to devices connected on the LAN side and translating these local addresses to your external IP address on the Internet Service Provider's side. This process is called Network Address Translation (NAT). The router also has a built-in firewall, which controls the access from the Internet to the LAN and thereby protects your equipment from intrusion and malicious programs coming through the Internet.

The Corinex AV200 Powerline Router is a cornerstone product for building secure Local Area Networks, and distributing broadband Internet signals to wherever needed. It supports different types of connectivity, which means you can select the best or most convenient access method for any situation. The Corinex AV200 Powerline Router has three interface types:

- WAN (Ethernet): Connection to your broadband Internet service provider
- LAN (Ethernet): Connection to stationary equipment in your local network using standard network cables
- AV200 Powerline: Connection to stationary equipment in your local network, using existing electrical wiring.

In the small example network shown below, the Corinex AV200 Powerline Router is connected to a broadband Internet modem (ADSL, Cable, etc.), a desktop computer over Ethernet, and a desktop and a laptop computer over Powerline using a Corinex AV200 Powerline Ethernet Adapter, and an IPTV Set-Top-Box connected to a TV. The network can easily be expanded when needed. Simply connect more computers or other devices to the network, either using Ethernet or Powerline.



## Powerline Technology

Corinex Powerline products use existing AC electrical wiring as a physical medium for broadband networking, based on the pre-UPA standard. Robust performance is ensured by the multi-carrier modulation technology (Orthogonal Frequency Division Multiplexing, OFDM), which allows the data signals to “surf” on the electrical wires, instantly shifting between carriers as noise and attenuation conditions change.

## Technical Specifications

### Hardware

Standards compliance	Pre-UPA standard IEEE 802.3, IEEE 802.3u FCC and UL (US), CE (Europe)
Data rate	AV200 Powerline: up to 200 Mbps on physical layer Ethernet: 10/100 Mbps
Cabling Type	2 standard RJ-45 cables for WAN, LAN; AC Power Adapter
LED Status Lights	POWER Link/Activity on WAN Link/Activity on LAN1-3 Link/Activity on Powerline
Unit Dimensions	203 mm L x 170 mm W x 45 mm H
Interfaces	LAN: 3 x 10/100 Mbps Ethernet Port (RJ-45) WAN: 1 x 10/100 Mbps Ethernet Port (RJ-45) AC power adapter for both Powerline networking and power supply
Electrical Parameters	Input Voltage: AC 100V~240V Line Frequency: 60/50Hz (USA/Europe)
Environmental Parameters	Operating Temperature: 0°C to 40°C (32°F to 104°F) Operating Humidity 10% to 85% Non-Condensing Storage Temp: -20°C to 70°C (-4°F to 158°F) Storage Humidity 5% to 90% Non-Condensing

### Software

Protocol Support	NAT ARP HTTP TCP/IP UDP TFTP ICMP PPP, PPPoE (PAP / CHAP) PPTP (Microsoft PPTP Client) Static Routing Protocol SNMPv1 NTP DHCP DNS
Supported OS (Setup Tool)	Windows 98, ME, 2000, XP Linux Mac OS X
Security	Stateful Inspection (SPI) Firewall MAC & IP filtering DMZ
Management	802.1Q Tagged VLAN QoS – 802.1P, TOS 8-level priority queues Embedded HTTP Daemon SNMP v1 Agent Web browser interface
Other Features	DHCP Server/Client DNS Proxy NTP (Network Time Protocol)

## Product Specifications

### Product Code: CXP-AV200-RTR

Please refer to the Price List for the exact product code specification for your region.

## Related products

The Corinex family of 200 Mbps AV products consists of:

- Corinex AV200 Powerline Ethernet Adapter
- Corinex AV200 CableLAN Adapter
- Corinex AV200 Powerline Router

## Product Package Contents

- Corinex AV200 Powerline Router
- Installation CD with documentation
- AC Power Adapter
- 2 Ethernet cables
- Quick Start Guide



Products features and design may vary by version and region.



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