# NETGEAR®
Connect with Innovation™

## 85 Mbps Powerline Ethernet Switch Kit
### Data Sheet
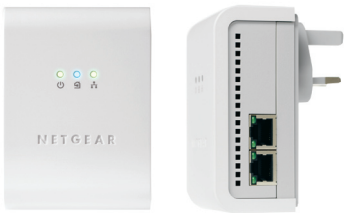### XEB1004

85 Mbps†
POWERLINE

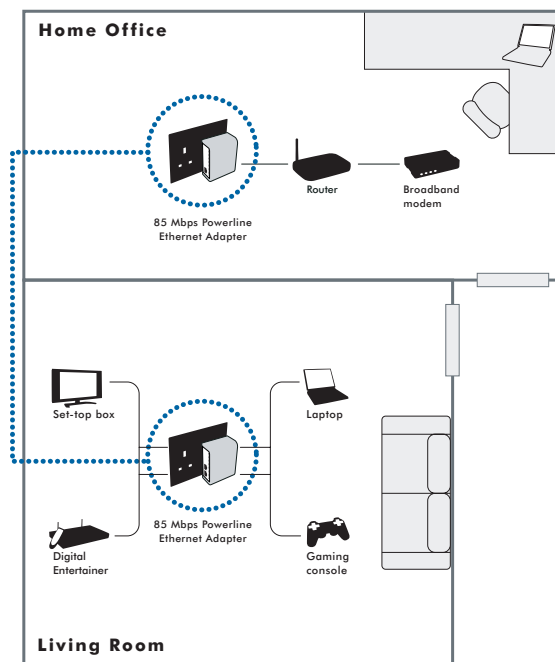## Turn Any Electrical Outlet into a Home Network Connection

- Create 4 new Internet connections on any electrical power outlet
- Connect up to 4 devices on one outlet
- Extend your home network using existing powerlines[1]
- No setup required—just plug and play!
- Connect to game consoles, PCs, DVR, network storage, etc.

### Features

- Turns any electrical power outlet into 4 Ethernet network connections
- Delivers fast 85 Mbps speed†
- For use with both wired and wireless routers and gateways
- Simply plug one Powerline Adapter into your router, and a second 4-port Powerline Adapter into as many as four networked devices[1]
- Connect a desktop, notebook PC, gaming console, NETGEAR Storage Central Turbo (SC101T), Slingbox™, DVR or NETGEAR Print Server (PS121)
- Data encryption ensures privacy and security
- Supports Windows® Vista™
- HomePlug 1.0 compatible

---

**Plug-and-play Connection of a Powerline network[1, 2]**



Home Office

85 Mbps Powerline Ethernet Adapter — Router — Broadband modem

Set-top box — 85 Mbps Powerline Ethernet Adapter — Laptop

Digital Entertainer — Gaming console

Living Room

---

[1] Uses NETGEAR XE104, XE103, XEPS103, XE102, WGXB102 or other HomePlug 1.0 compatible Powerline device.

[2] XEB1004 is compatible with NETGEAR's XE104, XEPS103, XE103, XE102, and WGXB102 products. XEB1004 is not compatible nor interoperable with NETGEAR's HDX101 or HDX111, however it may coexist on the same network.

Supports Windows Vista™

HOMEPLUG CERTIFIED

## Extend your home network

NETGEAR's 85 Mbps Powerline Ethernet Switch Kit (XEB1004) is a convenient solution for extending your home network by using standard electrical outlets. This kit delivers the devices you need to set up an Internet connection in any room without running new wires. The XEB1004 connects multiple devices to your network:

- Game Consoles
- Desktop PCs
- Notebook PCs
- Storage Central
- Slingbox™
- Internet Routers

### System Requirements
- For device connection: Available RJ-45 Ethernet port
- To enable encryption: Windows® Vista™, XP, 2000

### Network Ports
- 4 10/100 Mbps Ethernet ports
- One 85 Mbps PowerLine port

### PowerLine Standards
- HomePlug 1.0 compatible

### Power Supply
- 100-240V @ 50-60 Hz

### LEDs
- Unit: Power
- PowerLine: Link
- Ethernet: Link/Activity

### Environmental Specifications
- Operating temperature: 0 - 40° C (32 - 104° F)
- Operating relative humidity: 10% to 90% non-condensing

### Electromagnetic Emissions
- FCC Part 15 Class B

### Power and Safety Regulations
- UL Certified

### Typical Coverage
- Up to 5000 square foot home

### Warranty
- NETGEAR 1-year warranty

### Package Contents
- Two (2) 85 Mbps Powerline Ethernet Adapters
- 1.52 m (5 ft) Ethernet cable
- Installation guide
- Setup CD
- Warranty card
- Support and information card

### NETGEAR Related Products
Network
- RangeMax Wireless-N Cable Router (WNR834B)
- RangeMax Wireless Cable Router (WPN824)
- Super-G® Wireless Firewall Router (WGT624)
- Wireless-G Cable Router (WGR614)
- RangeMax Wireless Access Point (WPN802)
- Open Source Wireless-G Router (KWGR614)
- 8-Port Gigabit Desktop Switch (GS608)
- 5-Port Gigabit Desktop Switch (GS605)
- ProSafe® 5-Port Gigabit Desktop Switch (GS105)
- ProSafe® VPN Firewall 8 w/8-Port 10/100 Mbps Switch (FVS318)
- ProSafe® 802.11 Wireless Access Point (WG102)
- 85 Mbps Powerline Network Switch (XE104)
- 85 Mbps Powerline Network Adapter (XE103)
- 14 Mbps Powerline Network Adapter (XE102)
- Space-Saving Powerline Network Extender (XEPS103)
- 14 Mbps Powerline Wireless Range Extender (WGXB102)

Printer
- USB Print Server (PS121)
  54 Mbps Wireless USB Print Server (WGPS606)

Storage
- Storage Central Turbo (SC101T)

Multimedia Player
- Digital Entertainer HD (EVA8000) Player

**NETGEAR®**

4500 Great America Parkway
Santa Clara, CA 95054 USA
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com