

BT Essentials Wi-Fi Powerline 500 Kit



Extend your Wi-Fi anywhere in your home

The BT Essentials Wi-Fi Powerline 500 Kit offers a high performance Homeplug powerline adaptor and a Wi-Fi powerline adaptor designed to increase the range of your broadband in the home.



Wi-Fi doesn't reach?

Use your home's power sockets to create a secure Wi-Fi powerline network.

Need high-speed internet all over your home?

Ideal for streaming HD / 3D TV or online gaming via an ethernet cable.

Want great Wi-Fi for your phone or tablet?

Extend your broadband to any wired or wireless device.

Main Features

- Uses your home's electrical wiring to extend your broadband network anywhere in the house
- Simple push-button Wi-Fi connection set-up with Wi-Fi powerline
- Works with all broadband providers
- Two Ethernet ports for multiple wired devices
- Link with other HomePlug AV powerline adaptors
- N150 wireless technology
- AV500 powerline technology
- Compatible with AV200 and AV600 technology devices
- Uses latest AV500 technology for smooth multiple HD / 3D streaming
- Secure wireless network – no configuration necessary

Product Specification

System requirements

- Works with any operating system

Other features

- Guest Hotspot with its own key
- Web configuration interface

Security

- Hotspot: WEP 128/64 (40) bit open, WPA (TKIP), WPA2 (AES), WPA+WPA2
- Extender: 128 bit AES

Standards

- Wi-Fi Powerline: 802.11b/g/n
- Powerline: Homeplug AV

Data rate

- Wi-Fi Powerline: Up to 150 Mbps
- Powerline: Up to 500 Mbps*

Package content

- BT Essentials Wi-Fi Powerline 500
- BT Essentials Powerline 500
- Ethernet Cable
- Quick Start Guide

Power Supply

- 230V ± 15%, 50Hz ± 3%

Lights

- Wi-Fi Powerline: Wireless (Orange & Green), WPS/Link (Green) and Power (Green)
- Powerline: Power (Green), Ethernet (Green) and Data (Red & Green)

Buttons

- Wi-Fi Powerline: Power (On/Off), WPS/Link
- Powerline: Link

Ports

- Wi-Fi Powerline: 2 x RJ45 (IEEE 802.3 10/100 Mbps)
- Powerline: 1 x RJ45 (IEEE 802.3 10/100 Mbps)

Max HomePlug Nodes

- 16

Environment

- Operating Temp: 0 to 40°C
- Operating Humidity: 10% to 90%

Power consumption

- Wi-Fi Powerline: 4.7 W Operation, 2.7 W Idle, 0.1 W Power saving mode
- Powerline: 2.5 W Operation, 1.9 W Idle, 0.4 W Power saving mode

Weight & dimensions

- Wi-Fi Powerline: 104g, 7(H)x6(W)x6.5(D) cm
- Powerline: 70g, 6.5(H)x5(W)x5.5(D) cm



*Maximum theoretical phy rate for this technology.

Technical support:

Available from the BT Helpdesk on Freephone 0808 100 6116 or via the email link on the product page at www.bt.com/producthelp

Product Data Sheet – BT Essentials Wi-Fi Powerline 500 Kit
Issue: Issue 01

Specification subject to change without prior notice

Product Information

Weights and dimensions Wi-Fi Powerline (gms): 104.0 Powerline (gms): 70.0 Wi-Fi Powerline (cm): 7(H)x6(W)x6.5(D) Powerline (cm): 6.5(H)x5(W)x5.5(D)	Item code 085156
Giftbox – dimensions (W x D x H) / complete / empty Dimensions (cm): 18 x 8.5 x 13 Weight – complete (gms): 350 Weight – empty (gms): 82	Giftbox barcode 5016351618141
Overpack – dimensions (W x D x H) / complete Dimensions (cm): 39 x 45.1 x 27.9 Weight – complete (kgs): 7.65 No. of giftboxes per overpack 20 Pallet Ti's x Hi's: 8 x 2	Overpack barcode 05016351824146
	CSS code

Packaging Details	Paper	Cardboard	Plastics	Shrink Wrap	Other
Item packaging (kgs)		0.118	0.002		
Inner Carton (kgs)					
Outer Carton (kgs)		0.82			

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Status: Development

Country of manufacture: China