

WL580E



Aztech Dual Band 300Mbps Wireless-N Extender

About the product:

Aztech WL580E is a Wall Plugged 300Mbps Dual Band Concurrent Wireless-N Range Extender, which supports wireless 802.11a/b/g/n, and one 10/100Base-T Ethernet port. The extender is equipped with 1 x 10/100M Auto MDI/MDIX LAN port that can be used to connect to an existing wired network to serve as a wireless interface. It can also be used to configure the extender via its web-based GUI, or upgrade the firmware.

The device is designed with MIMO technology, which successfully reduces 'blind spots', and extends network coverage within a home or in the building. WL580E features with 64/128-bit WEP encryption and WIFI Protected Access (WPA), WPA2 to ensure the network security and prevent unauthorized access to you network.

The device is easy to setup. It is portable with no need of any external power adapter. It comes with the embedded power supply and power plug, so that users can just plug the device into a power socket.

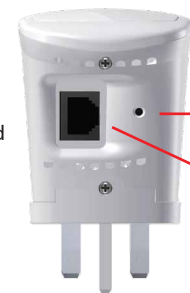
Features

- Dual-Band 300Mbps Wireless Range Extender
- Supports 802.11n technology with the data transfer rate up to 300Mbps
- 2T2R for 802.11b/g/n for 2.4GHz band and 2T2R for 802.11a/n for 5.0GHz band (TBD)
- Repeats and extends existing wireless signal to areas where the router or access point is not able to reach
- Shares large files, printing and storage quickly and reliably in wider range in your home or office
- Eliminates the use of cable wires while providing reliable wireless connection
- MIMO technology to reduce "blind spots" and increase network coverage
- WEP, WPA, and WPA2 to ensure network security from unauthorized access
- User-friendly web-based GUI and easy hardware setup
- Portable, no need of external power adapter
- Support WPS to both Router and Client devices



Top view

Wi-Fi Protected Setup button for simple pairing



Bottom view

Reset

Ethernet port



WEAK



RECOMMENDED

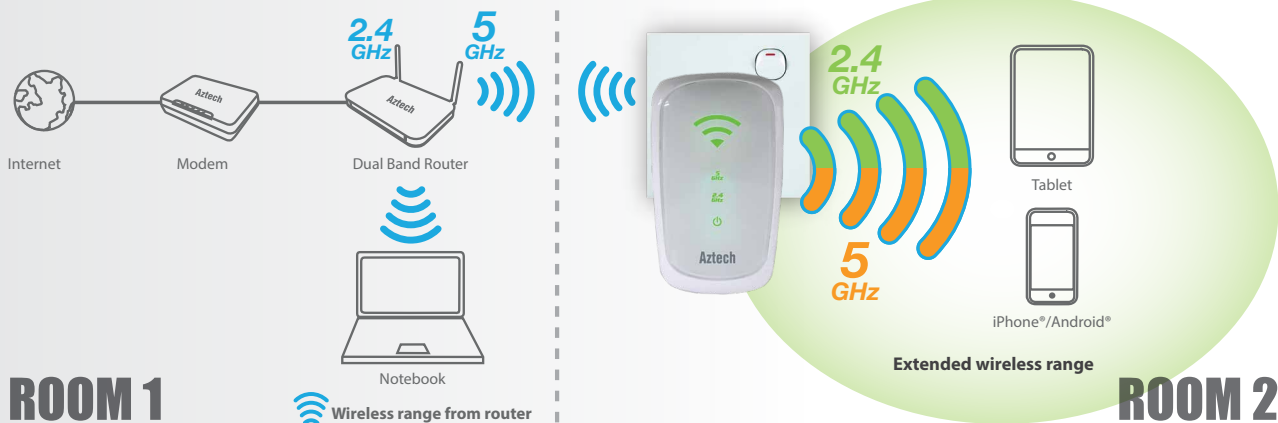


EXCELLENT

Maximum wireless signal rate derived from IEEE Standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

www.aztech.com

Repeat Your Wi-Fi Coverage



ROOM 1

ROOM 2

LED Colour Behaviour



1. GREEN *LED should be ON if WL580E is connected to Router and RSSI value is equal to HIGH. *LED should be OFF while WL580E is booting up. *LED should be OFF while WL580E is doing WPS authentication.
2. GREEN *LED should be ON if WL580E is connected to Router and RSSI value is greater than or equal to MID. *LED should be OFF while WL580E is booting up. *LED should be OFF while WL580E is doing WPS authentication
3. GREEN *LED should be blinking if WL580E is NOT connected to any Router. *LED should be ON if WL580E is connected to Router and RSSI value is greater than or equal to LOW. *LED should be OFF while WL580E is booting up. *LED should be OFF while WL580E is doing WPS authentication.
- YELLOW *LED should be ON during boot up. After fully bootup, LED will OFF. *LED should be blinking for 2 mins once WPS button is pressed. *LED should stop blinking and ON for 5 secs when WPS authentication is successful. Then LED should be OFF. *LED should be OFF if WL559E is connected to Router.

Specifications

HARDWARE Key Chipset	Mediatek MT7620A Network Processor + 2.4 GHz Wireless chip	MEASUREMENTS	105(L) x 58 (W) x 42 (H) mm / 160 g
		Mediatek RT5592EP 5GHz RF chip	REGULATORY APPROVALS
Memory	SPI FlashRom : 8M Byte	TEMPERATURE Operating	Asia Pacific/ Europe: CE, CB
	DDR2 DRAM : 64M Byte		0° to 40° Celsius (32° to 104° Fahrenheit)
PLATFORM SUPPORT	OS Independent with TCP/IP protocol installed	Non-Operating	25° to 70° Celsius (-13° to 158° Fahrenheit)
POWER REQUIREMENTS (TBC)	Supply voltage range : 100VAC – 240VAC (50/60 Hz)	HUMIDITY Operating	30% to 90% Relative Humidity (Non-Condensing)
	Power Consumption : Less than 4W		Non-Operating
EXTERNAL CONNECTORS	Max Current : 0.12A		
	1 x RJ45 (Fast Ethernet)		
	1 x Factory Default Reset (Button)		
	1 x WPS (Button)		
	4 x Antennas (Internal embedded)		