/ISUS

WL-520GU/GC

Broad Range Wireless Family Router
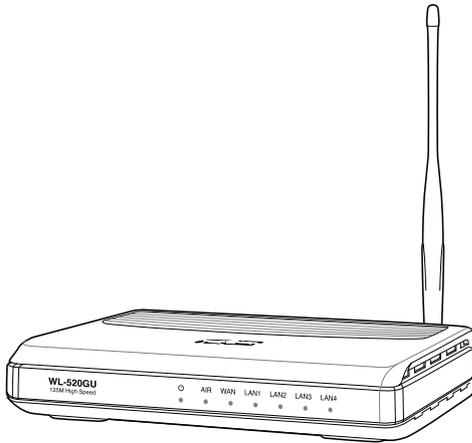
Quick Start Guide

1. Package Contents

- WL-520GU/GC wireless router x 1
- Power adapter x 1
- Utility CD x 1
- RJ45 cable x 1
- Quick Start Guide x 1

2. Specification summary

Network standard	IEEE 802.11b, IEEE 802.11g, IEEE 802.3, IEEE802.3x, IEEE 802.3u, IEEE 802.1x, IEEE 802.11i, IPv4, IPv6, CSMA/CA, CSMA/CD, ICMP
Operating frequency	2.4G ~ 2.5GHz
Date rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps
Operational channel	11 for N. America, 14 Japan, 13 Europe (ETSI)
Port	WAN x 1, LAN x 4 RJ45 for 10/100 BaseT, 1 x USB2.0 for printer sharing(**WL-520GU only**)
Antenna	Support Antenna Diversity, 1 x Reverse-SMA antenna connector
EZSeup Button	Automatically SSID and WEP or WPA configuration
Power Supply *	**WL-520GU**: DC: +5V with max. 2A current **WL-520GC**: DC EU/UK: +9V/1A; TW/US: +9V/800mA
Security	64/128-bit WEP, WPA, WPA2, WPA-TKIP/AES, WPA-PSK, WPA-ENT, Radius with 802.1x
Access Control	MAC-level Access Control, Inbound/Outbound IP Filter, Domain Access Control
Firewall	NAT Firewall, SPI (Stateful Package Inspection) Firewall, WAN ping control
Quality of Service	BOD (**WL-520GU only**), WMM
Network Management	Support UPnP, DHCP Server, DNS Proxy, NTP Client, DDNS, Port Trigger, Virtual Server, Virtual DMZ, VPN Pass-Through
Temperature	**Operating**: 0~40ºC **Storage**: -30~50ºC
Humidity	**Operating**: 50~90% **Storage**: 20~90%

* Use only the adapter included in the package.

3. Connecting Wireless Router to Cable/DSL/ Satellite Modem

1) Cable connection
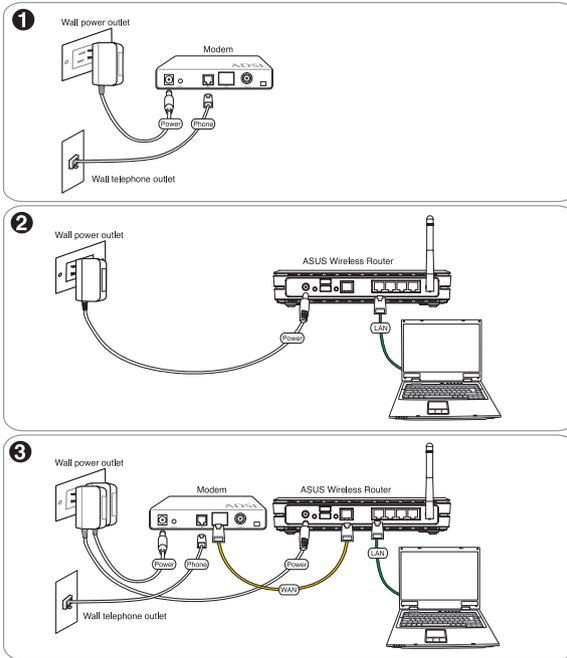
Note: Use only the adapter included in the package. Using other adapters may damage the device.

2) Status indicators

PWR AIR WAN   LAN

WL-520GU
125M High Speed
⏻   AIR WAN LAN1 LAN2 LAN3 LAN4
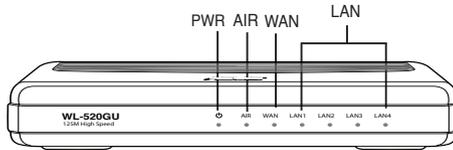
PWR (Power)

Off	No power
On	System ready
Flashing-slow	Firmware upgrade failed
Flashing-quick	EZsetup processing

AIR (Wireless Network)

Off	No power
On	Wireless system ready
Flashing	Transmitting or receiving data (wireless)

WAN (Wide Area Network)

Off	No power or no physical connection
On	Has physical connection to an Ethernet network
Flashing	Transmitting or receiving data (through Ethernet cable)

LAN 1-4 (Local Area Network)

|	
Off	No power or no physical connection
On	Has physical connection to an Ethernet network
Flashing	Transmitting or receiving data (through Ethernet cable)

3) Mounting options

Out of the box, the ASUS WL-520GU/GC Broad Range Wireless Router is designed to sit on a raised flat surface like a file cabinet or a book shelf. The unit may also be converted for mounting to a wall or ceiling.

To mount the ASUS WL-520GU/GC

1 Look on the underside for the two mounting hooks.

2. Mark two upper holes on a wall or on a raised flat surface.

3. Tighten two screws until only 1/4" is showing.

4. Latch the hooks of the ASUS WL520GU/GC onto the screws.
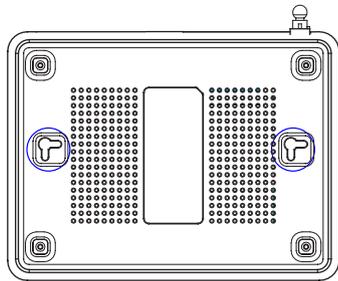
📝 **Note:** Re-adjust the screws if you cannot latch the ASUS Wireless Router onto the screws or if it is too loose.

4. EZ Setup

The EZSetup utility enables you to easily complete the wireless LAN setup in just two steps. First, launch the **EZSetup** from the **Start** menu, then push the EZSetup button, located at the rear panel, for three seconds.

1 Push **EZSetup** over 3 sec. and release.
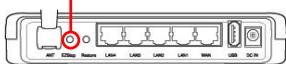
1) If the setup button is pushed without running the EZSetup wizard utility, the PWR indicator will flash and Internet connections will pause for a short period but will then return to normal operation without change.

2) To use EZSetup, we recommend using an ASUS wireless adapter such as WL-106gM, WL-100gE, and WL-169gE.

Insert the Utility CD into your PC's CD drive, and run **Install ASUS Wireless Router Utilities**.

After installing the ASUS Wireless Router Utilities, run the EZSetup Wizard from **[Startup] -> All Utilities [ASUS Utility] -> [WL-520GU/GC Wireless Router]**.

Note: Use EZSetup Wizard with one wireless client at a time. If the wireless client computer cannot discover the wireless router while in EZSetup mode, shorten the distance between the client and the router.
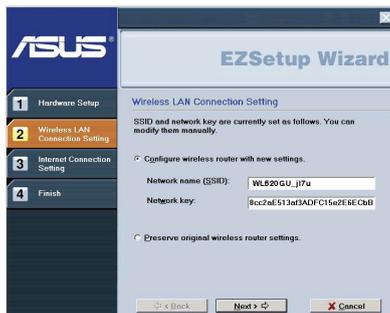
Wireless settings, including network name and network keys, are generated automatically. You can modify these settings manually. Note if your wireless router is configured before, select **Preserve original wireless router settings** to use the current value. Click **Next** to continue.

4

If you need to configure the ISP settings for your wireless router, select **Configure ISP settings**, click **Next** and follow the instructions to complete the settings.

5

Setup is completed. Press **Print/Save Wireless LAN Settings** button for future reference. Click **Finish** to exit the EZSetup utility.

5. Appendix

FCC Warning Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and

2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Any changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Safety Information

To maintain compliance with FCC's RF exposure guidelines, this equipment should beinstalled and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna.

Declaration of Conformity for R&TTE directive 1999/5/EC

Essential requirements – Article 3

Protection requirements for health and safety – Article 3.1a

Testing for electric safety according to EN 60950-1 has been conducted. These are considered relevant and sufficient.

Protection requirements for electromagnetic compatibility – Article 3.1b

Testing for electromagnetic compatibility according to EN 301 489-1 and EN 301 489-17 has been conducted. These are considered relevant and sufficient.

Effective use of the radio spectrum – Article 3.2

Testing for radio test suites according to EN 300 328- 2 has been conducted. These are considered relevant and sufficient.

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

DGT 警語

經型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自變更頻率、

加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即

停用,並改善至無干擾時方得繼續使用。

前項合法通信,指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。