Amigo
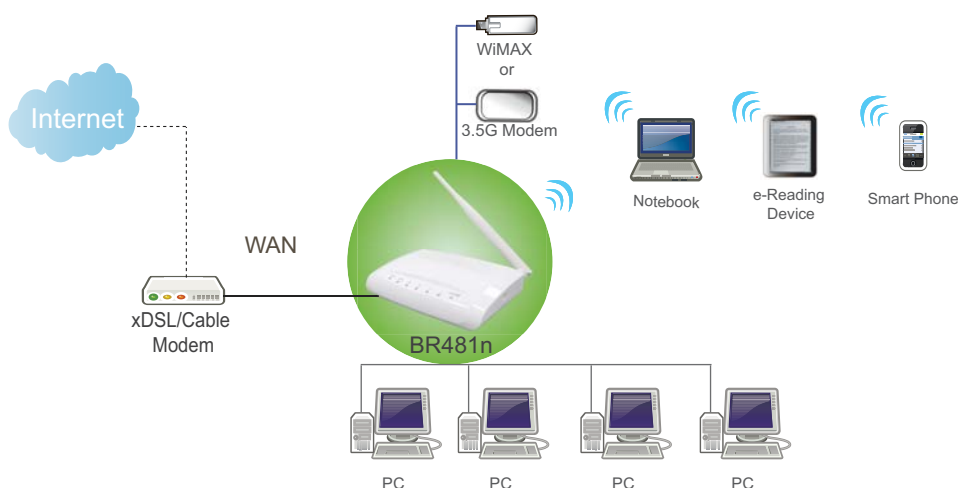*Friendly Connections to the world*

802.11n 150M 3G Router

BR481n

- ◼ Share your 3G connection, turn your smart phone into wireless hotspot

- ◼ Automatic WAN type detection: 3G modem/Smart Phone/PPPoE、DHCP、PPTP or L2TP

- ◼ Superb 802.11n 1T1R data rate: Max. 150Mbps downstream / upstream

- ◼ Green WLAN technology to save up to 80% power consumption than legacy wireless routers

- ◼ IEEE 802.3az Energy Efficient Ethernet (EEE) support to reduce power usage

- ◼ Multiple operation mode: 802.11n WLAN Router / AP / Wi-Fi AP for various network scenarios

- ◼ 20000 dynamic network sessions ensures network stability in loaded network

- ◼ One-touch WPS button for secure wireless network inter-connection

- ◼ UPnP, advanced firewall security with port filter, URL blocking

3G 4G Modem Support	150Mbps 802.11N	Green WLAN Wireless ECO	Smartphone Support	((3G)) Auto Failover	20000 Sessions

Application

Internet — WAN — xDSL/Cable Modem — BR481n — PC, PC, PC, PC

WiMAX or 3.5G Modem — Notebook — e-Reading Device — Smart Phone

Green WLAN

Green WLAN: By using software, hardware and components control to save power/energy consumption and providing wireless network access concurrently. With advanced SOC solutions in Amigo's products, we take smart use of technology to reach the balance point of performance and power consumption.

Green Ethernet

Green Ethernet: a new concept brought by new power saving technology allowing each port on the switch to power down into standby or "sleep" mode to reduce power consumption. Meanwhile switches will automatically detect link status, cable length and adjusts the power usage accordingly.

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Wi-Fi compliant FC CE ① RoHS

Specification

Description	802.11n 150M 3G Router
Model No.	BR481n
WAN	
Connection Type	3G USB modem / Smartphone / DHCP / Static IP / PPPoE / PPTP / L2TP client / Wi-Fi AP
Connection Scheme	Connection-on-Demand, Auto-disconnect
Active Mode	Always ON, Active on Demand, WAN failure backup, WAN status check
Wireless WAN	
WAN Data Rate	WiFi: 802.11n (up to 150Mbps, 1T1R), 802.11g (up to 54Mbps), 802.11b (up to 11Mbps)
Multiple SSID	Up to 4 WLAN SSID can be configured for various network applications
Antenna Gain	External 3dbi antenna x 1, 1T1R
Security	WEP 64 or 128 bit / WPA / WPA2 / WPA2 Mixed, WPS, WDS
Network Features	
NAT	DMZ Host, Port-Redirection / Virtual server / Universal Plug-and-Play / Dynamic Domain Name System (DDNS) / VPN pass-trough (IPSec, PPTP)
Firewall	Policy-Based IP Packet Filter
Access Control	IP filtering, Port filtering, URL filtering, MAC address filtering
Management	Web-based GUI for remote and local management Available Syslog monitoring support
Hardware	
WAN	1 x 10Base/100M Base-TX, Auto MDI / MDI-X
LAN	4 x 10Base/100M Base-TX, Auto MDI / MDI-X
WLAN	IEEE 802.11n 1T1R Max. 150Mbps up/downstream (802.11b/g backward compatible)
LED Indicator	WIRELESS/WPS, LAN x 4, WAN,x 1, POWER
Antenna	External 3dbi antenna x 1 (1T1R)
Green Technology	
Wireless	Active ECO
Wired	IEEE 802.3az Energy Efficient Ethernet (EEE)
Operation	
Power Supply	5V DC
Operation Temperature /	0°C to 45°C (32°F to 113°F)
Humidity	5% to 95% Non-Condensing
Dimension (mm)	145 x 90 x 30 (mm) (Antenna not included)
Package Contents	1x BR481n 1x DC Adapter 1x CD content with Quick Installation Guide and User Manual

Active ECO

Active-ECO: Combining latest "Green WLAN", "Green Ethernet", and "802.3az Energy Efficient Ethernet" networking, power management technology, "Active-ECO" helps wireless networking peripherals saves most power consumption, and keep the performance. All the WLAN products from Amigo technology have adapted "Active-ECO" tech; no configuration required, you can save up to 80% power consumption than other 802.11n networking products.

Energy Efficient Ethernet

Energy Efficient Ethernet: also known as "EEE" or IEEE 802.3az, a mechanism to reduce power consumption during periods of low link utilization and a protocol to coordinate transitions to or from a lower level of power consumption. In certain network connectivity, EEE helps to reduce power use by 50% or more, while remaining fully compatible with existing equipment.

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