

H610 Series Mini 3G Router Datasheet



>>| Product Introduction

The EL-H610 series 3G Cellular Router, the world's smallest portable 3G WiFi hotspot router, is designed for establish a Wi-Fi wireless network and share a cellular broad band Internet connection. The EL-H610 series 3G Cellular Router enables users to quickly create a secure Wi-Fi (802.11 b/g/n) network and provide access to the Internet using a cellular network. By connect to HSUPA network; an Internet connection can be accessed and shared virtually anywhere within a wireless broadband network.

>>| Typical Diagram



>>| H610 Mini 3G Router Benefit:

Connect everywhere:

Carry your personal hotspot everywhere and connect WiFi enabled devices to the internet through the mobile network

Simply, Plug & Play :

Just insert a sim card and dial to the network. Connect your device to H610 through the WiFi connection. No client software or any other installation is required on the connected device (e.g. laptop). H610 is fully configurable via a standard browser.

Connect several devices :

Connect up to 50 devices through a single H610. Each connection is authorized by password and secured by encryption

Built-in security:

Both wireless links are secured - The WiFi link between the device and the H610; the mobile link between the H610 and the cellular network.

Standalone operation:

H610-B has a rechargeable 1500/1800mAH battery that will last 4~6 hours. No power connection is required

Embedded 3G/4G module, with sim card slot:

The H610 may include an embedded 3G/4G module, no need external usb modem. Just put your sim card to dialup.

Unlocked

H610 is unlocked; you can use any sim card support GSM/GPRS/EDGE/UMTS/HSDPA/HSUPA/HSPA or CDMA1x/CDMA2000 EVDO.

Easy to upgrade

H610 is very easy to upgrade with the newest firmware. And easy to upgrade to support 4G LTE networks.

Built-in high capacity battery

Nokia compatible BP-4L battery, Li-ion 1800mAh

4-6 hours operation

48 hours for idle time

>>| Specification

Wireless	
Compatible Mobile Networks	<ul style="list-style-type: none"> • HSUPA HSDPA HSPA HSPA+ • UMTS • EDGE • GPRS • CDMA2000 EVDO Rev A, Rev O • CDMA1x
Cellular Frequency	<ul style="list-style-type: none"> • UMTS/HSPA/HSUPA/HSDPA (WCDMA/FDD) 850/900/1900/2100 MHz • Quad-band EGSM 850/900/1800/1900 • EVDO/CDMA: 800/1900Mhz, 450Mhz optional
Bandwidth	<ul style="list-style-type: none"> • Under HSPA+ Downlink 21/42 Mbps Uplink 5.76 Mbps

	<ul style="list-style-type: none"> Under HSPA/HSUPA Downlink 14.4 Mbps Uplink 5.76 Mbps Under HSDPA Downlink 7.2 Mbps Uplink 384k bps Under WCDMA/UMTS Downlink/Uplink 384 kbps Under CDMA EVDO Rev A: 3.1Mbps downlink, 2.4Mbps uplink
Wi-Fi	<ul style="list-style-type: none"> 802.11b/g/n; Frequency from 2.4GHz to 2.483GHz, Access Points, Routers and Gateway Server Applications, wireless up to 32 PC users 150Mhz maximum, 300Mhz optional
Security	
Security	64/128-bit WEP, WPA-PSK WPA2-PSK wireless safety mode; Support WEP, TKIP, AES encryption
Media Access Control	CSMA/CA with ACK
Certifications	REDIUS Client
Interface & Button & LED	
RJ45	10/100M fast Ethernet *1
Switcher	3G/WAN switcher *1
Mini USB	For charge use
Antenna	2 * antenna for Wi-Fi (internal type) 1 * antenna for 3G cellular network (internal type)
UIM/SIM Card Slot	Yes
Reset Button	*1
Power Button	*1
LED	Power * 1 3G * 1 WiFi * 1 Battery level * 1

Power	
Power supply	100~240VAC, 5VDC
Battery	Lion Battery (3.7V 1800mAh) 4-8 hours operation 48 hours for idle time
Software	
Device Management	WEB interface (Internet Explorer v6 or Later; Mozilla Firefox v1.5 or Later, Chome,Opera,Safari or other Java-enabled Browsers)
Minimum System Requirements	Mobile Internet Access Subscription and Internet PC Adapter Computer with: <ul style="list-style-type: none"> • Windows Vista , Windows XP SP2, Windows 2000 SP4, or Mac OS® X (v10.4/v10.3), Linux • Internet Explorer 6 or Mozilla Firefox • CD-ROM Drive • Network Interface Card
Physical	
Operating Temperature	<ul style="list-style-type: none"> • Storage: 72°F to 153°F (-40°C to 90°C) • Working: 36°F to 126°F (-30°C to 80°C)
Humidity	95% Maximum (Non-condensing)
Dimensions	105*60*14mm
Weight	100g (with battery)
Others	
Warranty	1 Year
Package Contents	<ul style="list-style-type: none"> • The H610 Series 3G wireless Router • CD-ROM with Product Documentation
Model Types	
H610ud	Support 3G WDMA only
H610us	Support 3G WCDMA and 2G GSM both

H601ev

Support 3G CDMA2000 EVDO

Notes: WCDMA includes 850/900/1900/2100Mhz quad band. H610 can support single band or dual band or tri band. Please select the right band you need before order.

>>| More picture for H610 router:



