

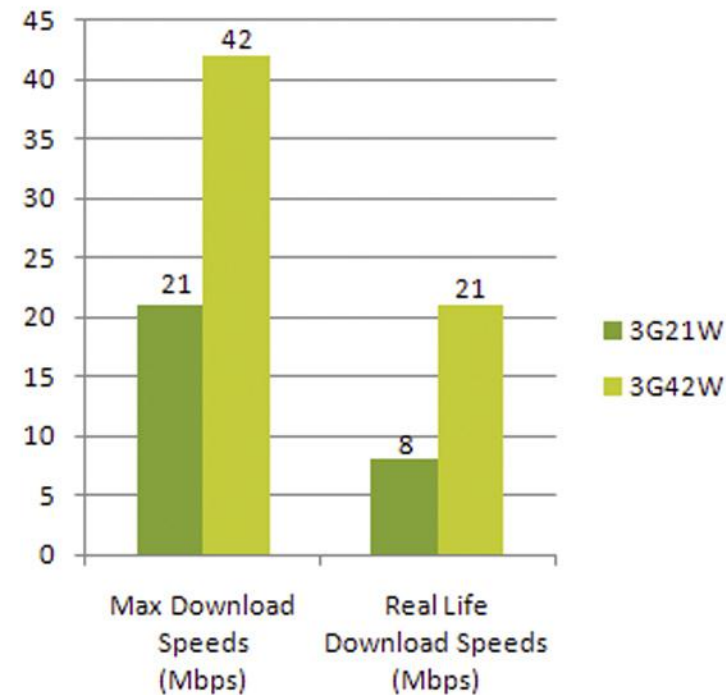
3G21WE vs 3G42W3E

The differences between the Etisalat 21Mbps (HSPA+) and 42Mbps (DC-HSPA+) Routers



Increased data speed

With the roll out of the DC-HSPA+ network, the router's maximum data speed has increased to accommodate the faster possible speeds. This will allow users to access a faster Internet connection, the time to download files will be reduced and sharing with WiFi will not impact performance.



Increased data speed

- The speeds given in the graph are approximate and based off previous tests. Each individual connection will be different and speeds vary due to a variety of environment factors
- The speeds of both products are impressive, given that most of the users are currently using ADSL which has real life download speeds of approximately 2 Mbps

REAL LIFE EXAMPLE

When downloading a movie file which is 1 GB in size.

- **3G42WE** will take approximately **7 minutes**
- **3G21W** will take approximately **18 minutes**
- **UAE ADSL** connection will take approximately **1 hour 10 minutes**



3G42W3E

3G21WE

The two products look the same, but have some internal differences that will result in differences in performance

3G21WE vs 3G42W3E

Feature	3G21WE	3G42W3E
Maximum Downlink data rates	21Mbps	42Mbps
Maximum uplink data rates	5.76Mbps	5.76Mbps
WiFi Standard	802.11n – 300Mbps	802.11n – 300Mbps
USB host ports	2 (print and storage)	2 (print and storage)
LAN ports	4	4
Internal 3G antennas	2x internal 3G antennas	2x internal 3G antennas – new improved antenna configuration
External 3G antenna connectors	1x SMA connection	2x MS-147 connectors



New External Antennas

The reasons for the change of external antenna connectors are:

1. Allows dual external antennas instead of just one. 2x SMA connectors would not fit on a housing of this size.
2. Built in mechanical antenna switch. When you connect an external antenna, the connector physically switches from the internal antennas over to the external ones.

Introducing

Introducing Etisalat's DC-HSPA+ Router



42Mbps HSPA+ WiFi Router



Device Specifications

WAN Interface	DC-HSPA+ x 1 (Up to 42Mbps Downlink/5.76 Mbps Uplink)
Network Standards	Supports quad-band UMTS/HSDPA/HSUPA (850/900/1900/2100MHz)
Antenna Type	Dual Internal 3G antennas with dual optional external antenna connectors
LAN Interface	Ethernet x 4
WLAN	IEEE 802.11n backward compatible with 802.11b/g
USB 2.0 ports	2 x USB2.0 ports for Print Server/Mass Storage
Power	External Power adaptor 100-240VAC to 12VDC/1.5A
Environmental Conditions	Operating temperature 0 ~ 50 degrees Celsius Relative humidity 5 ~ 90% (non-condensing)
Dimensions	195mm (W) x 65mm(H) x 160mm(D)



Quick Start Guide



Wireless Security Card



Install CD Guide

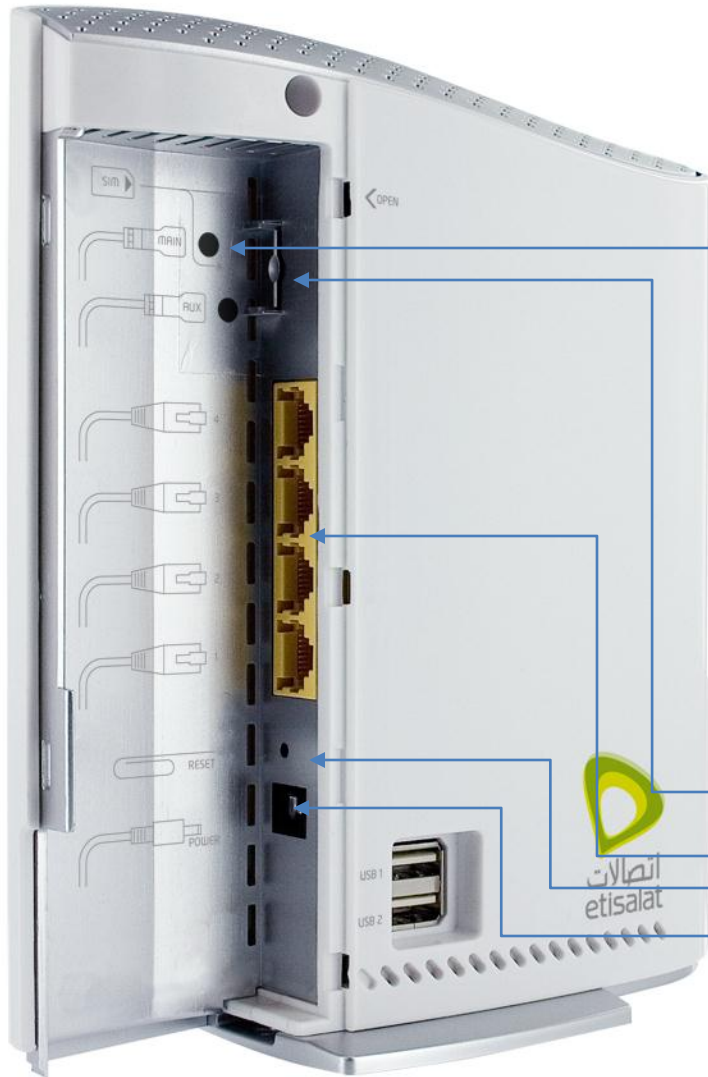
Package Contents



Power Supply

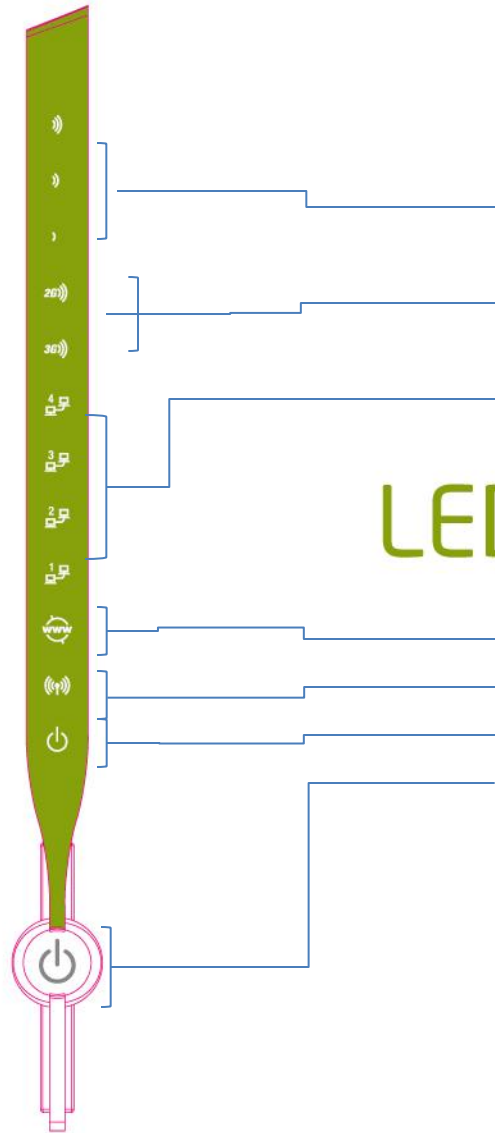


Ethernet Cable



Rear Panel Interfaces

- External Antenna connectors:** MS-147 connectors to connect optional external antennas
- SIM Slot:** Etisalat SIM card goes in this slot
- LAN ports:** 4 Ethernet ports to allow Wired connections
- Reset button:** To factory default the device
- Power connector:** Connect the power connector to power up the device



Signal Strength LED: Indicates your connection to the Wireless Service Provider (Carrier). Signal strength ranges from High, Medium & Low.

Network Connection LED: Indicates whether you are connected via the 2G or the 3G network.

Ethernet Connection LED: Indicates which of the 4 LAN ports are active.

LED's Explained

www LED: Indicates whether your Internet connection is active.

WiFi LED: Indicates whether your Wi-Fi network connection is active.

Power LED: Indicates whether your device is ON.

Device ON/OFF button: Use this button to turn the device ON or OFF



Connecting via cable (wired)

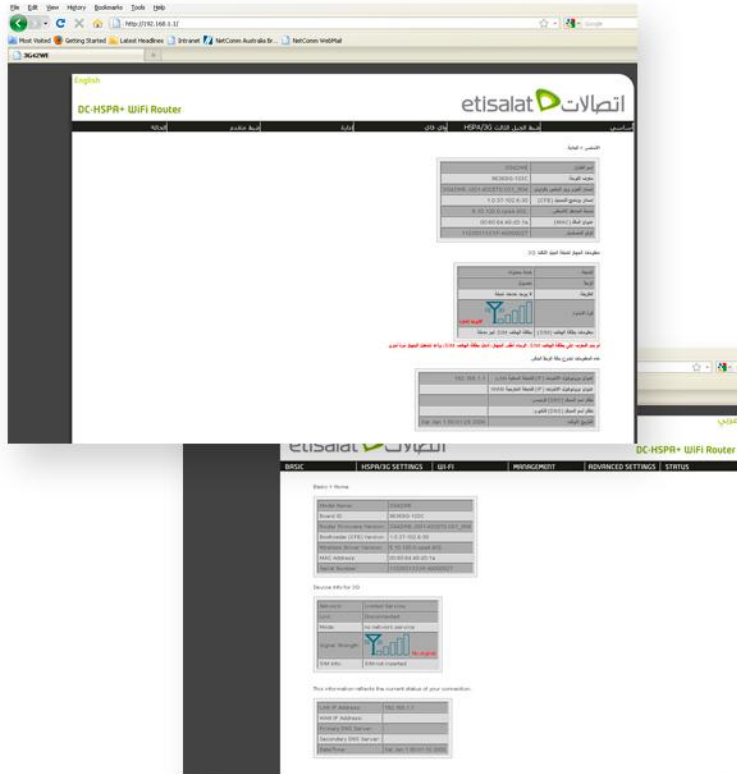
1. Connect the yellow Ethernet cable to one of the yellow ports at the back of the router
2. Connect the other end of the yellow Ethernet cable to your computer.
3. Wait 30 seconds for the connection to establish.
4. You are now connected to the internet

Connect to the Internet



Connecting wirelessly

1. Ensure WiFi is activated on your device (computer/laptop/smartphone)
2. Scan for wireless networks in your area and connect to the network name that matches the Wireless Network Name found on your Wireless Security Card.
3. When prompted for your wireless security settings, enter the Wireless Security Key listed on your Wireless Security Card.
4. Wait 30 seconds for the connection to establish.
5. You are now connected to the internet.



Accessing the device

Advanced Configuration

1. For advanced configuration, open your browser (eg. Internet Explorer, Safari)
2. Enter the address of your Router (Default: <http://192.168.1.1/>)
3. When prompted for your Username and Password enter:

Username: admin

Password: admin



Wireless 42Mbps router

Using DC-HSPA+ technology and NetComm's unique design to give you up to 42Mbps downlink and 5.6Mbps uplink speeds

Built-in 11n WiFi

Covers 55 metres in every direction and gives you speeds up to 300Mbps

Cable Management

Side cover ensures that your cables stay in order

Why choose a 3G42W3E?

2x USB ports

Allows you to connect a printer and an external storage device and share them within your network

External Antennas

Allows you to connect external antennas to get better signal cover

Unique housing design

Using natural ventilation, cold air enters from the bottom of the unit, flows over the inside of the unit and throws the warm air from the top, just like a chimney



No ADSL or Cable available

Offices/Homes outside the range of ADSL or cable broadband access

Away from the office

For Employees who need to freely move their high speed connection with them

Small to Medium offices setup

Connect multiple wired & wireless devices

Who is this ideal for?

Frequent Movers/Renters

For customers who need to freely move their high speed internet connection with them

3G42W3E can be shared

Customers who discover they cannot share their wireless USB modem with family, friends or colleagues and need a device that will allow them to share their mobile broadband connection



Troubleshooting

Having trouble accessing the Internet?

1. Check if the SIM is inserted at the back of the unit
2. Make sure that the device is powered ON.
3. You should see 5 LED's ON - Power LED, one of the Signal Strength LED's, either the 2G or the 3G LED, the www LED and the Wi-Fi LED.
4. Make sure you are connected to the device either through a LAN/Ethernet cable or wirelessly.
5. If all else fails, reboot the device and try again.



Troubleshooting

Having trouble connecting Wirelessly?

1. Check if the WiFi LED is ON.
2. Make sure you are connected to the right Wireless Network and have entered the password correctly.

If all else fails, take a PIN and hold the RESET button at the back of the unit down for 10 seconds to set the unit to its factory defaults and try again.

END