HSPA+ 42Mbps WiFi Router
3G42W3E

KEY FEATURES

⊙	Stylish DC-HSPA+ router with data speeds that surpass fixed line alternatives
⊙	Worldwide coverage through Quad-band HSUPA/HSDPA/UMTS (850/900/1900/2100 Mhz), quad-band EDGE/GSM (850/900/1800/1900 Mhz)
⊙	HSDPA downlink speed up to 42 Mbps
⊙	HSUPA uplink speed up to 5.76 Mbps
⊙	802.11n wireless standard with data speeds up to 300Mbps[1] (backward compatible with 802.11b/g)
⊙	Four 10/100 Ethernet ports for wired connections
⊙	Two USB 2.0 ports for connection to USB printers or mass staorage devices
⊙	External MS-147 3G antenna connetors for optional use of high gain external antennas
⊙	Full wireless security features - WEP/WPA/WPA2 and 802.1x
⊙	Browser based interface for configuration and management: OS independent and easy to use

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TECHNICAL SPECIFICATIONS

WAN INTERFACE
- 3G x 1

LAN INTERFACE
- Ethernet x 4

WLAN
- MAC Address Filtering, WEP, WPA, IEEE 802.1X
- 10, 25, 50, 100mW @ 22MHz channel bandwidth Output power level can be selected according to the environment
Standard
- IEEE802.11n, backward compatible with 802.11b/g
Encryption
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption, WPA-PSK, WPA2-PSK
WLAN Data Rate
- Up to 300Mbps

WAN CONNECTION
Band
- Support quad-band GSM/GRPS (850 / 900 / 1800 / 1900 MHz)
- Support quad-band UMTS/HSDPA/HSUPA (850 / 900 / 1900 /2100 MHz)
Data Rate
- DC-HSPA+ (up to 5.76 Mbps uplink) (up to 42Mbps downlink)
- EDGE / GPRS / GSM (up to 247 Kbps)
Antenna Type
- Internal 3G Antennas with external MS-147 connectors

MANAGEMENT
- SNMP, SNTP, Telnet, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP, TFTP client and server, or FTP server

ROUTING FUNCTIONS
- Static route, NAT/PAT, DMZ, DHCP Client/Server/Relay, DNS Proxy, DDNS

SECURITY FUNCTIONS
- Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Management
Authentication protocols
- PAP, CHAP
VPN
- PPTP/L2TP/IpSec pass-through

LED
- Power, LAN 4, LAN 3, LAN2, LAN 1, WLAN, Internet, 3G, 2G, Signal Strength for Low, Mid and High LEDs

POWER
- External power adapter
- 100-240Vac to 12Vdc /1.5A

ENVIRONMENTAL CONDITIONS
Operating temperature
- 0 ~ 50 degrees Celsius
Relative humidity
- 5 ~ 90% (non-condensing)

DIMENSIONS
- 65 mm (W) x 195 mm (H) x 160 mm (D)

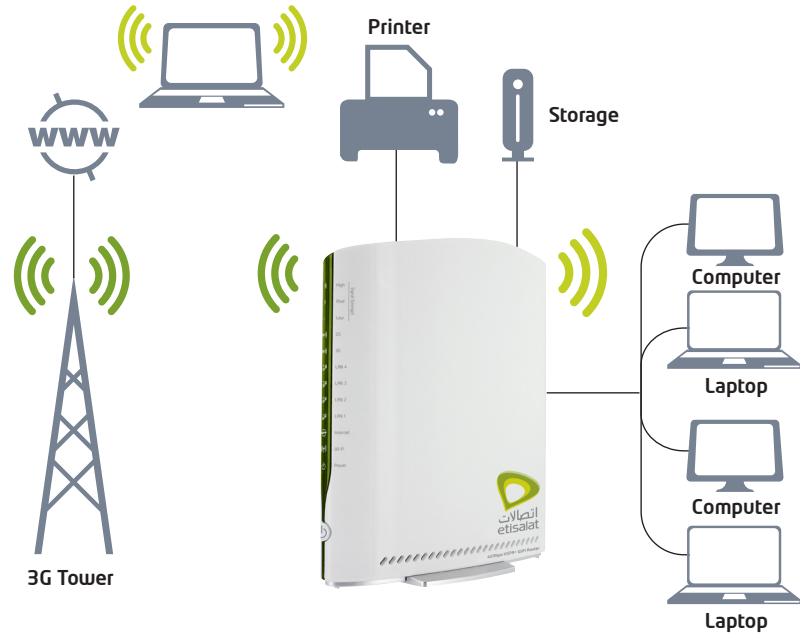## A reliable wireless network for simple and affordable networking

The 42Mbps HSPA+ WiFi Router integrates a powerful 3G module that enables users to connect to the DC-HSPA+ network and enjoy speeds of up to 42Mbps downlink and 5.76Mbps uplink.

The router creates an instant 300Mbps WiFi network connecting up to 16 wireless devices simultaneously such as laptops, gaming consoles, iPad's and Smart Phones. You can also connect up to 4 wired devices and 2 USB 2.0 devices so you can connect and share desktop PCs, USB printers and mass storage devices.

The device also features 4 internal antennas: 2 WiFi antennas delivering speeds of up to 300Mbps and 2 3G antennas. The external 3G antenna connectors found at the rear of the unit also allows users in remote locations to connect high-gain external antennas if required. A powerful and secure local area network can be established at home, in the office or on the go.

1   Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11n specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.

CONNECTION DIAGRAM

Printer

Storage

www

Computer

Laptop

Computer

3G Tower

Laptop