

ZyXEL



Setting Up Your Own Hotspot

- 54Mbps 802.11g wireless Internet access
- USB 2.0 powered
- Easy setup with Auto-installed driver inside



This could be the smallest, lightest and most convenient you've ever seen. With ZyXEL G-220F wireless USB adapter connected to the USB 2.0 port on your notebook or desktop computer, you surf the Internet with no strings attached at Wi-Fi Hotspots. No wireless network available? How about building your own on the spot?

Benefits

Wireless AP and Client Dual Mode Available

The true Plug-and-Play ZyXEL G-220F can not only act as an 802.11g wireless network adapter that runs full-throttle at 54Mbps, five times faster than the old 802.11b standard, but also turns your wired PC into an instant Wi-Fi access point that brings with nearby wireless-capable computers together.

USB 2.0 Powered

With speed up to 40 times faster than USB 1.1, the G-220F breaks the 11Mbps barrier of USB 1.1, since only blazing-fast USB 2.0 can fully exploit the potential of 54Mbps 802.11g standard.

Easy Setup with Auto-installed Driver Inside

No CD to toss around, no software installation. the G-220F already has the driver software inside, a true plug-n-play solution.

Interoperability with Existing 802.11g and 802.11b Wireless Networks

The 802.11g-capable G-220F is downward compatible with 802.11b. So you may enjoy the best of both worlds – never left in the cold again.

Compact, Stylish Designed

Small is beautiful. G-220F is powerful yet small enough to fit in your pocket, especially when you need a portable access point around.



802.11g Wireless USB 2.0 Adapter

G-220F

WIRELESS



Specifications

System specifications

Internal Flash

- ▶ 4 Mbytes NOR flash

Network Standard

- ▶ IEEE802.11g/b compliance

Data Rate

- ▶ 54Mbps with automatic fallback to 48, 36, 24, 18, 12, 9 and 6 Mbps

Modulation

- ▶ 802.11g-- 54, 48, 36, 24, 18, 12, 9, 6Mbps (OFDM)
- ▶ 802.11b-- CCK (11Mbps, 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)

Operating Frequency

- ▶ 2.412 ~ 2.462 GHz: North America
- ▶ 2.412 ~ 2.472 GHz: Europe ETSI Operating Channels
- ▶ 1~11 for N. America, 1-14 for Japan, 1~13 for Europe (ETSI)

RF Output Power

- ▶ 15 dBm (54Mbps, OFDM, typical, ±5% tolerance)
- ▶ 17 dBm (11Mbps, CCK, QPSK, BPSK, typical, ±5% tolerance)

Coverage Area

- ▶ Indoor : 9.5M@54Mbps , 25M@24Mbps , 55M@6Mbps , 37M@11Mbps
- ▶ Outdoor: 60M@54Mbps, 70M@48Mbps, 80M@36Mbps, 120M@24, 18, 12/9/6Mbps, 80M@11Mbps, 120M@5.5Mbps, 200M@2Mbps, 300M@1Mbps

Receiver Sensitivity

- ▶ 70 dBm @ 54M (OFDM, 10% PER)
- ▶ 85 dBm @ 11M (CCK, 8% PER)

WEP

- ▶ Support 64/128/*256-bit encryption

Support OS

- ▶ Microsoft Windows 98(SE), Windows 2K,
- ▶ Windows XP, Windows ME

Hardware specifications

Interface

- ▶ USB 2.0 compatible

Antenna

- ▶ Built-in Chip antenna(2dBi)

Switch

- ▶ WLAN/Auto-installation

Power Consumption

- ▶ TX power consumption: <380mA
- ▶ RX power consumption: <200mA

Voltage: 5V

Physical specifications

Dimensions

- ▶ 95(L) x 30(M) x 16(H) mm

Weight

- ▶ 25.8g

Operating Environment

Operating Temperature

- ▶ 0 Cto 50 C

Humidity

- ▶ 20% to 95% Non-condensing

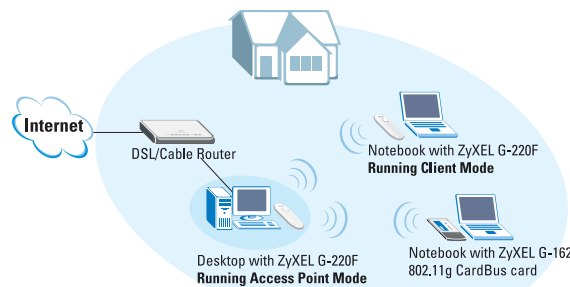
Certification

- ▶ CE, FCC, Wi-Fi, WHQL, C-Tick

Application Diagram

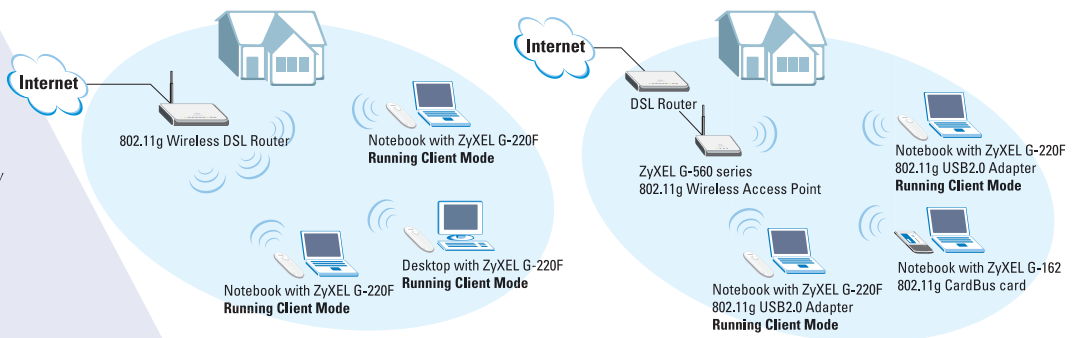
Access Point Mode

Even without a regular Wi-Fi access point, a wireless network can be established effortlessly with a ZyXEL G-220F attached to an Internet-ready PC.



Client Mode

ZyXEL G-220F is also a high-performance USB 802.11g Wi-Fi network adapter. Conveniently without requiring separate driver software, it's a true plug-and-play solution for exploring hotspots anywhere.



For more product information, visit us on the web www.ZyXEL.com

Corporate Headquarters
ZyXEL Communications Corp.
Tel: +886-3-578-3942
Fax: +886-3-578-2439
Email: sales@zyxel.com.tw
<http://www.zyxel.com>
<http://www.zyxel.com>

ZyXEL Czech s.r.o.
Tel: +420 241091350
Fax: +420 241091359
Email: info@cz.zyxel.com
<http://cz.zyxel.com>

ZyXEL North America
Tel: +1-714-632-0882
Fax: +1-714-632-0858
Email: sales@zyxel.com
<http://www.us.zyxel.com>

ZyXEL Denmark A/S
Tel: +45 39 55 07 00
Fax: +45 39 55 07 07
Email: sales@zyxel.dk
<http://www.zyxel.dk>

ZyXEL Norway A/S
Tel: +47 22 80 61 80
Fax: +47 22 80 61 81
Email: sales@zyxel.no
<http://www.zyxel.no>

ZyXEL Finland Oy
Tel: +358-9-4780 8400
Fax: +358-9-4780 8448
Email: sales@zyxel.fi
<http://www.zyxel.fi>

ZyXEL Spain
Tel: +34 902 195 420
Fax: +34 913 005 345
Email: sales@zyxel.es
<http://www.zyxel.es>

ZyXEL France SARL
Tel: +33 (0)4 72 52 97 97
Fax: +33 (0)4 72 52 19 20
Email: info@zyxel.fr
<http://www.zyxel.fr>

ZyXEL Sweden A/S
Tel: +46 31 744 7700
Fax: +46 31 744 7701
Email: sales@zyxel.se
<http://www.zyxel.se>

ZyXEL Germany GmbH.
Tel: +49 2405 6909 0
Fax: +49 2405 6909 99
Email: sales@zyxel.de
<http://www.zyxel.de>

ZyXEL UK Ltd.
Tel: +44 (0) 8702 909090
Fax: +44 (0)8702 909091
Email: sales@zyxel.co.uk
<http://www.zyxel.co.uk>

