

# Go Wi-Fi!® P320/P320X

## 802.11a/b/g SDIO WLAN Cards

### Fast Wi-Fi® for Windows Mobile® Powered Devices

The Go Wi-Fi! P320/P320X series offers OEMs, Industrial Application Hardware providers, and end users a simple plug-and-play solution for adding 802.11 a/b/g WLAN to Windows Mobile/CE powered devices equipped with a Secure Digital I/O (SDIO) slot.



#### Key Features

- **802.11a/b/g support** — Provides data rates up to 54 Mbps at 2.4 GHz and 5 GHz spectra
- **Extended operating temperature range** — Range extended to -20° to +85°C (-4° to +185°F)
- **Consistent size** — Same size as the previous Socket Go Wi-Fi! P300/P300X 802.11b/g SDIO cards enables easy upgrade for existing customers
- **External antenna version** — Supports two external antennas for antenna diversity
- **Ruggedized mounting option** — P320X features a mechanical mounting hole for secure embedded applications



#### FEATURES

- Wi-Fi Certified for broad compatibility with 802.11a/b/g Wi-Fi approved WLAN products
- Low power consumption
- Compact in size
- Extended operating temperature: -20° to +85°C (-4° to +185°F)
- Supports raw data rate up to 54 Mbps
- Supports a broad range of security protocols:
  - WEP 64/128, WPA (TKIP/AES), WPA2 (TKIP/AES)
- LED on card shows WLAN status at a glance
- One year warranty

#### SOFTWARE SUPPORT

- Includes software drivers for:
  - Windows Mobile 5.0 for Pocket PC
  - Windows Mobile 6 Classic
  - Windows CE: Please contact Socket OEM Sales for information
- Works with Microsoft Wireless Zero Config (WZC)

#### WHICH VERSION IS RIGHT FOR YOU?

<b>Go Wi-Fi! P320</b> 	Secure Digital I/O (SDIO) 802.11a/b/g WLAN card with internal antenna
<b>Go Wi-Fi! P320X</b> 	Secure Digital I/O (SDIO) 802.11a/b/g WLAN card with two antenna connectors and one mechanical mounting hole

# Go Wi-Fi! P320/P320X

802.11a/b/g  
SDIO WLAN Cards



SPECIFICATIONS		
	Go Wi-Fi! P320	Go Wi-Fi! P320X
SKU # <i>(Single unit)</i>	North America WL6231-1123 International WL6233-1125	Please contact Socket OEM Sales.
Antenna Type	Integrated internal antenna	Two U.FL RF connectors attach up to two dual-band (2.4 GHz and 5 GHz) antennas
Ruggedized Mounting	None	Mechanical mounting hole for secure embedded applications
Interface Standard	SDIO 1.1	
Power Consumption (3.3 V)	802.11a/g — TX: 350 mA RX: 185 mA 802.11b — TX: 360 mZ RX: 185 mA Sleep mode: 1.00 mA	
Transmit Power	802.11a 54 Mbps OFDM: 9 dBm +/-1.5 dBm 802.11g 54 Mbps OFDM: 11 dBm +/-1.5 dBm 802.11 b 11 Mbps CCK: 15 dBm +/-1.5 dBm	
Indoor Range	~ 100 m (330 feet), typical office environment	
Operating System Support	Windows Mobile 5.0 for Pocket PC Windows Mobile 6 Classic Windows CE: Please contact Socket OEM Sales for information. Linux and other RTOS (through 3rd-party partners)	
Network Standard	IEEE 802.11a/b/g	
Certification/Compliance	FCC, IC, CE, TELEC, RoHS, Wi-Fi Certified	
Warranty	One year	



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