

Mini 150Mbps WiFi USB Dongle

This mini WiFi USB dongle operates on the 2.4GHz ISM band and supports IEEE802.11b/g/n standards. It provides a 150Mbps connection and includes software AP function and WiFi direct capabilities.



Overview

Compact Wireless Connectivity Solution

The GWF-3S03 is a high-performance, compact WLAN module designed for seamless wireless integration. Featuring the Ralink RT5370 chipset and supporting 802.11 b/g/n standards, it provides reliable 150Mbps connectivity for embedded systems and computing devices. Its ultra-small form factor and low-power consumption make it an ideal choice for space-constrained industrial or commercial applications.

Technical Specifications

Data Transfer Rate	150 Mbps
Chipset	Ralink RT5370
Wireless Standard	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Host Interface	USB 2.0 / 1.1 (Type A)
Antenna Type	Built-in PCB Antenna

Performance

Key Performance Metrics

19 dBm

Transmit Power (802.11b)

5 V

Operating Voltage

Operating System Compatibility

- Windows CE
- Windows 2000/XP/Vista
- Linux 2.6.X
- Mac OS X

Security

Security Features	WEP 64/128bit, WPA, WPA2, 802.1X, 802.11i, Cisco CCS
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Physical Dimensions

Dimensions	32.0 x 14.2 x 7.3 mm
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Operating Conditions

Environmental Limits

Parameter	Operating Range
Operating Temp	0°C to 40°C
Storage Temp	-20°C to 70°C
Humidity	95% RH (Non-Condensing)