

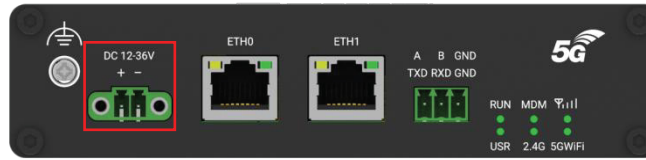


The GO5 Lite is WiFi In Motion's latest 5G-capable router supporting 5G, 4G, and 3G networks. It leverages our proven high-performance CPU platform along with an in-house developed operating system that has successfully passed extensive third-party penetration testing. The GO5 Lite is compatible with 3GPP Release 16 and is designed for broadband failover, primary broadband, and SD-WAN.



Key Features

- Low-cost industrial 5G router
- 5G/4G/3G cellular connections
- Cutting-edge 5G 3GPP Release 16 cellular interface
- Supports Ethernet, Wi-Fi and 5G/4G internet with auto-failover
- 1 x RS-232/RS-485 ports (software configurable) for connecting industrial and legacy devices
- Fully programmable operating system with a well-documented SDK
- Multiple VPN options available including DMVPN, IPsec, L2TP, and more
- Cloud management platform
- Robust metal enclosure with a compact design for DIN-rail and wall mounting



2-pin 3.5 mm Terminal Block with Lock

Hardware System

CPU	Dual-core MIPS, 880 MHz
RAM	256 MB
Flash	32 MB

Cellular Interface

Number of antennas	4 (ANT0 + ANT1 + ANT2 + ANT3)
Connector	SMA-K
SIM	2 x Mini SIM (2FF)

Ethernet Port

Number of ports	2 x 10/100/1000 Mbps
	2 LAN by default, can be configured as 1 WAN + 1 LAN
Magnet isolation protection	1 KV

Wi-Fi Interface

Number of antennas	2 (Wi-Fi1 + Wi-Fi2)
Connector	RP-SMA-K
Standards	802.11 a/b/g/n/ac, 2 x 2 MIMO
	Supporting AP and Client modes
Frequency bands	2.412 - 2.472 GHz (2.4 GHz ISM band)
	5.15 - 5.825 GHz (5 GHz ISM band)
Security	WPA, WPA2, WEP, WPA3
Encryption	AES, TKIP, WEP64

Serial Port

Number of ports	1 x RS-232 or 1 x RS-485 (software configurable)
Connector	1 x 3-pin 3.5 mm female socket
ESD protection	±8 KV air discharge, ±6 KV contact discharge
Baud rate	300 bps ~ 115200 bps
Signal definition	RS-232: TXD, RXD, GND
	RS-485: Data+ (A), Data- (B), Ground (GND)

GNSS Interface (Optional)

Number of antennas	1
Connector	SMA-K
GNSS frequency	GPS: L1, L5
	QZSS: L1, L5
	Galileo: E1, E5a
	GLONASS: L1OF
	BDS: B1

Others

Reset button	1 x RST
LED indicators	1 x RUN, 1 x MDM, 1 x RSSI, 1 x USR, 1 x 2.4G (Wi-Fi), 1 x 5G Wi-Fi
Watchdog	External

Software

Network protocols	PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP, DNS, NTP, SMTP, Telnet, VLAN, HTTPS, ARP, SSH2, DDNS, etc.
VPN tunnels	IPsec, OpenVPN, GRE, WireGuard
Firewalls	DMZ, anti-DoS, Filtering (IP/Domain name/MAC address), Port Mapping, Access Control
Remote management	Web, CLI, SMS
Serial port protocols	Transparent, TCP Client/Server, UDP, Modbus RTU to TCP
Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2)
Others	Smart Roaming V2

SDK

Supported programming languages	C, C++
Flash available for SDK	5 MB
RAM available for SDK	128 MB

App Center

Apps*	L2TP, PPTP, DMVPN, VRRP, QoS, SNMP, Language, RCMS, Captive Portal, WLAN Multi AP, Edge2Cloud, etc.
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Power Supply and Consumption

Connector	2-pin 3.5 mm terminal block with lock 4-pin Micro-Fit socket
	Note: Different models correspond to different connectors. Please refer to the Ordering Information table for details.
Input voltage	12/24 V DC, 12 ~ 36 V DC
	Reverse polarity protection, surge protection
Power consumption	Idle: 3 W@12 V Max: 11 W@12 V
Recommended power supply	12 V DC/1.5 A power adapter

Physical Characteristics

Ingress protection	IP30
Housing & Weight	Aluminum, 475 g
Dimensions	32 x 115 x 136 mm
Installations	Desktop, wall mounting and 35 mm DIN rail mounting
Operating temperature	-20 ~ +55 °C (normal temperature)
	-25 ~ +70 °C (extended temperature)
Storage temperature	-40 ~ +85 °C
Relative humidity	5 ~ 95% RH (non-condensing)

"At Arrow we are always looking for new ways to enhance the customer experience. We have taken the necessary steps to moving resources, talent and technology into these areas of development."

Luke Busskohl
President and CEO OF ARROW STAGE LINES

