

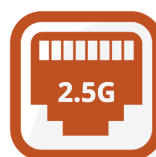
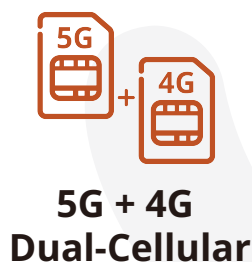
WR677-M



WR677-M VIEW

5G+4G Dual-Cellular Industrial Router

The Wavetel Cellular Industrial Router WR677-M supports 5G + 4G dual-cellular connectivities, 2.5GE port, 4 GE ports, Dual-band Wi-Fi 6, serial ports and abundant I/O ports. It ensures reliable and high-speed performance for mission-critical tasks.



KEY FEATURES

- 1*2.5GE + 4*GE + 1*SFP + Wi-Fi AX3000 + 5G + 4G
- 5G + 4G Dual Modems in Active-Active mode
- IEEE 802.11 a/b/g/n/ac/ax
- 1*RS232 + 1*RS485 + 6*DI + 2*DO + 1*AI+1*RELAY
- WAN failover between ETH WAN and Cellular WAN
- VPN: PPTP, L2TP, IPSec, GRE, OpenVPN, WireGuard
- BGP, OSPF, RIP, NHRP, VRRP
- Modbus, MQTT
- Management: Web GUI, SSH, TR069, SNMP, SMS, RMS



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SPECIFICATIONS



Hardware

| | |
|-----------------------|--|
| Ethernet | 1*2.5GE + 4*GE |
| Cellular | 5G + 4G |
| Wi-Fi | Wi-Fi 6 AX3000, 2.4GHz 2*2, 5.8GHz 2*2 |
| Serial Port | 1*RS232 + 1*RS485 |
| I/O | 6*DI + 2*DO + 1*AI+1*RELAY |
| PoE | Active PoE PD |
| Antenna | 2*RP-SMA Wi-Fi Antenna; 5*SMA Cellular Antenna 1* Cellular/GNSS SMA; 1*GNSS Antenna(Optional) |
| Sim Card Slot | 4*4FF |
| GNSS | Yes |
| LED | Power, System, Wi-Fi, Cellular, Signal Strength |
| Power | 4-Pin Molex |
| Reset Button | 1 |
| Grounding Screw | 1 |
| Housing Material | Aluminium |
| Ingress Protection | IP30 |
| Weight | 450g |
| Size | 183x109x48mm |
| Operating temperature | -40℃~75℃ |
| Operating humidity | 10% to 90%, non-condensing |
| Installation | Desktop, Wall-mounted, Din-rail |

Software

| | |
|-------------------|--|
| Network | Multi-WAN: ETH WAN, Cellular WAN WAN Failover, Load Balancing |
| Protocols | PPPoE, TCP, UDP, DHCP, NAT, DNS, NTP, SMTP, Telnet, ICMP, HTTP, HTTPS, TLS, ARP, VLAN, SSH2, DDNS |
| Cellular | 5G-4G Dual modems in Active-Active Mode SMS, Dual-APN, Band Lock, PIN Management, IP Passthrough Sim auto-switch |
| Wi-Fi | Standard: IEEE 802.11 a/b/g/n/ac/ax ; Speed: WiFi AX3000 ; Frequency: 2.4GHz and 5GHz Channel Bandwidth: 40MHz/80MHz/160MHz Security: WEP, WPA-PSK, WPA2-PSK, WPA3 Encryption: AES, TKIP Wi-Fi Users: Up to 64 Users Whitelist, Blacklist |
| VPN | PPTP, L2TP, IPSec, GRE, OpenVPN |
| MQTT | MQTT Broker, MQTT Publisher MQTT Gateway Data to Server |
| Modbus | Supported Mode: Server, Client Supported Types: TCP, UDP Supported Data Formats: 8-bit INT / UINT, 16-bit INT / UINT, 32-bit float / INT / UINT, HEX, ASCII |
| Routing | Static Route, Policy Route, BGP, OSPF, RIP, NHRP, VRRP |
| Security | Firewall, DMZ, Anti-DDOS, Website Filtering, Access Control, 802.1x |
| Device Management | Web GUI, SSH, TR069, SNMP, RMS |