

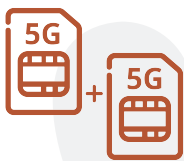
WR677-D



WR677-D VIEW

Dual-5G Cellular Industrial Router

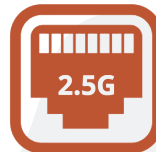
Built-in dual-5G cellular modems, Wavetel WR677-D is a Cellular Industrial Router of robust and reliable performance. It supports dual-5G cellular connectivities, 2.5GE port, 4 GE ports, dual-band Wi-Fi6, serial ports and abundant I/O ports. WR677-D is perfect for industrial automation, remote monitoring and IoT applications.



Dual 5G



Wi-Fi 6



2.5GE + GE ports



WAN Failover



RoHS
compliant

KEY FEATURES

- 1*2.5GE + 4*GE + 1*SFP + Wi-Fi AX3000 + Dual-5G
- Dual 5G 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
- Modbus, MQTT
- Management: Web GUI, SSH, TR069, SNMP, RMS



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SPECIFICATIONS



wavetel

Hardware

Ethernet	1*2.5GE + 4*GE
Cellular	Dual 5G Modem, compatible with 3G/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 6*SMA Cellular Antenna 2* Cellular/GNSS SMA
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	460g
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 Sub-6GHz, NSA&SA Mode, Compatible with 4G/3G Mode Dual-APN, Band Lock, PIN Management, IP Passthrough, Sim Switch compatible with 3/4/5G mode
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
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



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