WR575

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WR575 VIEW

5G Industrial Router

WR575 is a cellular industrial router supporting 5G/4G/3G mobile connectivity, 4 GE ports, Wi-Fi 6, serial ports and abundunt I/O ports. Plus WAN failover, WR575 is able to provide reliable Gigabit-class data links for digital networking.

5G
5G NSA&SA

Wi-Fi 6 AX1800

I/O
4*GE + Serial + I/O

WAN Failover

CE

RoHS compliant

KEY FEATURES

- 3*GE +1*PoE-PD GE + Wi-Fi + 5G
- 3GPP Rel-16 Complied, support sub-6GHz NSA and SA mode
- IEEE 802.11 a/b/g/n/ac
- 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
- Modbus, MQTT
- Management: Web GUI, SSH, TR069, SNMP, SMS, RMS

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info@waveteliot.com

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SPECIFICATIONS

Hardware

Ethernet	4*10/100/1000Mbps Port
Cellular	5G NR
Wi-Fi	Wi-Fi 6 AX1800; 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
	4*SMA Cellular Antenna
	1* GNSS SMA
Sim Card Slot	2*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	320g
Size	114*88*40mm
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
	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 AX1800; Frequency: 2.4GHz and 5GHz
	Channel Bandwidth: 20MHz/40MHz/80MHz
	Security: WEP, WPA-PSK, WPA2-PSK, WPA3
	Encription: AES, TKIP
	Wi-Fi Users: Up to 48 Users
	Whitelist, Blacklist
VPN	PPTP, L2TP, IPSec, GRE, OpenVPN, WireGuard
MQTT	MQTT Broker, MQTT Publisher
	MQTT Gateway
	Data to Server
Modbus	Supported Mode: Server, Client
	Supported Types: TCP
	Supporetd 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, SMS, RMS

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