




	ACCESS POINT 4G LTE +ROUTER RUT901 Dual SIM 2.4 GHz 300 Mbps Teltonika	ACCESS POINT 4G LTE +ROUTER RUTXR1 Dual SIM SFP Wi-Fi 5, 2.4 GHz, 5 GHz, 867 Mbps Teltonika
		
	135.66 EUR 135.66 EUR	370.46 EUR 370.46 EUR
Frequency range	2.4 GHz	WiFi : • 2.4 GHz (2.400 ... 2.500 GHz), • 5 GHz (4.950 ... 5.850 GHz) , LTE / GSM : • 699 ... 868 MHz, • 1850 ... 2690 MHz
Antenna type	2 x Omnidirectional antenna Wi-Fi - 5 dBi (SMA connector) , 2 x Omnidirectional antenna 4G LTE - 4 dBi (SMA-RP connector)	• 2 x Omnidirectional antenna Wi-Fi - 3 dBi (SMA- RP connector), • 2 x Omnidirectional antenna 4G LTE - 1 dBi (SMA connector)
Standards	IEEE 802.11 b/g/n, 4G, 3G, 2G	• 2.4 GHz Wi-Fi : IEEE 802.11 b/g/n , • 5 GHz Wi-Fi : IEEE 802.11 a/n/ac, • LTE Cat. 6, 3G WCDMA
Baud rates	11n : 300 Mbps 11g : 54 Mbps 11b : 11 Mbps LTE : 150 / 42 / 0.236 Mbps (4G / 3G / 2G)	• WiFi : max. 867 Mbps • LTE : 300 / 42 Mbps (4G / 3G)
LAN ports	• 1 x 10/100 Mbps - WAN • 3 x 10/100 Mbps - LAN	4 x 10/100/1000 Mbps RJ45
WAN interface	...	• 1 x 10/100/1000 Mbps RJ45 • 1 x 1000 Mbps SFP
Transmitter power	≤ 20 dBm @ 2.4 GHz ≤ 23 dBm @ 4G LTE ≤ 24 dBm @ 3G WCDMA ≤ 33 dBm @ 2G GSM	≤ 20 dBm @ 2.4 GHz Wi-Fi ≤ 23 dBm @ 5 GHz Wi-Fi ≤ 23 dBm @ 4G+ LTE ≤ 24 dBm @ 3G WCDMA
LED indicators	Power, WAN, 3 x LAN, LTE, Signal indicator	• Power : M - Power supply, R - Redundant power supply • WAN : WIRED, MOBILE • 3G, 4G, SIM 1, SIM 2, 3 x Signal indicator • 6 x Link/Act : 4 x LAN, WAN, Console
Network type	4G, 3G	• 4G LTE-FDD: B1/3/5/7/8/20/28/32 • 4G TDD-LTE B38/B40/B41 • 3G WCDMA: B1/3/5/8
LTE	✓	✓
QSS	—	—
WDS	—	—
SIM card slot	...	2 x Mini SIM - 2FF
DDNS	...	Support > 25
DHCP server	✓	✓
Port USB	...	USB 2.0

Protections	<ul style="list-style-type: none"> • WPA-PSK/WPA2-PSK • WPA2-PSK • WPA2-EAP • WPA2-EAP/WPA3-EAP • WPA3-EAP • WPA2-PSK/WPA3-SAE • WPA3-SAE • OWE • AES-CCMP • TKIP • Auto Cipher modes • Client separation • SSID hiding • MAC addresses filtering 	<ul style="list-style-type: none"> • WPA2-Enterprise - PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE, AES-CCMP, TKIP, EAP-TLS • Auto Cipher modes • Client separation • SSID hiding • Firewall • Support DDOS, SYN, SSH, HTTP/HTTPS defence • Configurable, independent data limits for each SIM card • Black list / White list • MAC addresses filtering • Protection against the effects of reverse polarity power connection • Overvoltage protection
Management interface	Web browser, Teltonika RMS application, SMS	Web browser, Teltonika RMS application, SMS, Console - Port RJ-45
Default IP address	...	192.168.1.1
Operating system	...	RutOS (Linux OS based)
Firmware update	...	✓

Main features	<ul style="list-style-type: none"> • Support for IoT (Internet of Things) systems, • Ability to work as a Hotspot, • Support for VoIP technology, • 2 x SIM socket • DHCP Relay support • DHCP client list • Static / dynamic routing • VPN support • Default address : 192.168.1.1 • Configuration using the Teltonika RMS application • WAN Connection Backup - thanks to the fully functional WAN / LAN port, you can use various types of backup connections, including cable, fiber and DSL modems 	<ul style="list-style-type: none"> • Dual SIM • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • Support for Mesh technology • Checking the fast roaming function - in accordance with the IEEE 802.11r standard (only if used access points support this function) • Seamless Roaming - 802.11k/v roaming function switches clients automatically to the AP with the optimal signal with a seamless transition when moving. This allows sensitive applications like VoIP and video conferences to go uninterrupted, • Compliance with the Modbus, DLMS, DNP3, OPC UA protocol • MDI/MDI-X auto detection feature - auto detecting the data transmission mode • Static / dynamic routing • Support for VoIP technology, • Ability to work as a Hotspot • View topology and network status • WMM support (QoS mechanism of the 802.11e standard) • DHCP Relay support • VLAN support • VPN networks: IPsec VPN, L2TP VPN, PPTP VPN, Open VPN • Compliance with the MQTT protocol • SNMP v1/v2/v3/Trap • WAN Connection Backup - thanks to the fully functional WAN / LAN port, you can use various types of backup connections, including cable, fiber and DSL modems • Support for IoT (Internet of Things) systems, • Configuration using the Teltonika RMS application • Industrial wide temperature design. • RESET button • Port USB 2.0 - possibility to connect external HDD, flash drive, additional modem, printer, USB-serial adapter • 2 x 4-pin industrial power socket, • Wide range of supported supply voltages, • Redundant power supply, • Grounding • Can be mounted in a Rack 19" cabinet - Mounts for mounting the device in the RACK 19" system • Ethernet cable included • Kensington-lock compatible
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Power supply	<ul style="list-style-type: none"> • 9 V DC / 1 A (power adapter included) • 9 ... 30 V DC • 9 ... 30 V DC - Passive PoE, Powering from LAN1 	<ul style="list-style-type: none"> • 12 V DC / 1.5 A (power adapter included) • 9 ... 50 V DC
Power consumption	≤ 7 W	≤ 18 W
Operation temp	-40 °C ... 75 °C	-40 °C ... 75 °C
Permissible relative humidity	10 % ... 90 % (non-condensing)	10 % ... 90 % (non-condensing)
Weight	0.26 kg	1.07 kg
Dimensions	110 x 100 x 50 mm	272 x 130 x 48 mm
Manufacturer / Brand	Teltonika	Teltonika
Guarantee	2 years	2 years


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