



YOUR CONNECTIVITY STARTS HERE

Networking product catalogue / 2024

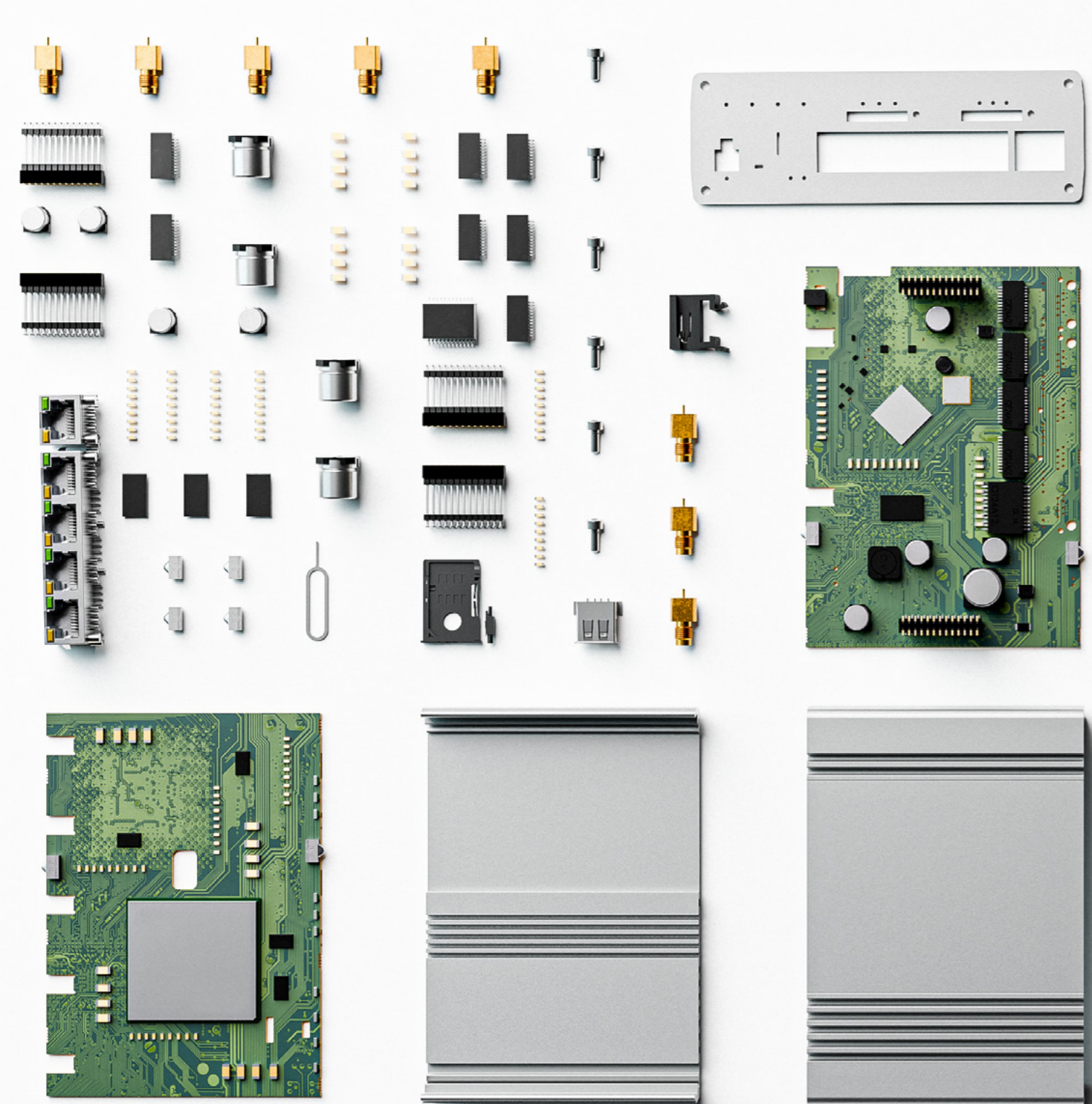


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WHO ARE WE?

Teltonika creates IoT connectivity equipment for the IoT world of tomorrow. With over 25 years of market expertise, we bring our vision and expertise to create products of seamless

connectivity, simple integration, and remote management capabilities for industrial solutions worldwide.



Mission

Our exceptional skills in being a fast and flexible partner reflect our needs to be closer to our clients in every world region. Long-standing experience, reliable supply chain, highest technology process models stand for our ability to produce millions of IoT devices to our clients.

Vision

We aspire to become one of the global leaders of providing unique IoT solutions that contribute to making people's lives easier. We are open-minded to conclude the environment to the creative, ambitious work professional in Lithuania and the rest of the world to grow and contribute towards our Mission.

Values

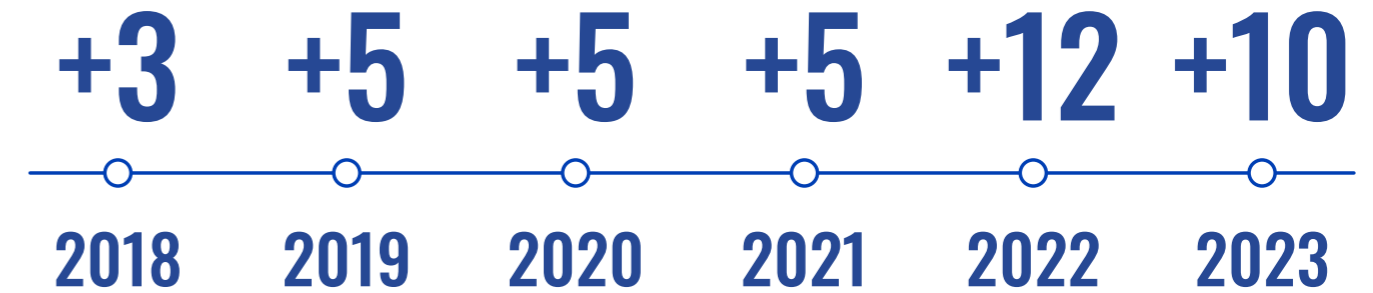
We not only work but also live to help and share kindness to the people, especially to those who need our help the most. We are keeping our values by continuously and courageously creating synergy between Teltonika and business partners, as well as clients.

WHAT WE OFFER?

Our industrial routers, gateways, Ethernet switches, access points, modems, and remote management system are made with engineer

needs, mindset, and workflow in mind. These reliable networking equipment are made to last, perform, and bring your IoT vision to life.

GROWING PORTFOLIO



Reliable

Industrial-grade networking devices designed for durability and uninterrupted connectivity in the most rigorous environments.

Secure

Maximum security ensured by regular safety audits, firmware updates, and vulnerability management by our dedicated cybersecurity team.

Easy to use

High in simplicity and functionality, our products are engineered for professional applications without requiring any special training.

HOLISTIC APPROACH

From concept to finished product, our networking products are designed, developed, and manufactured in-house in our manufacturing

facility in Lithuania, guaranteeing the highest European quality with maximum flexibility.



8 cutting-edge SMT lines

100+ automation robots

Millions of products produced yearly

Expertise

Over 25 years of market expertise in reliably enabling industrial IoT and M2M solutions worldwide.

Flexibility

Highly customisable products that adapt to your solution's needs.

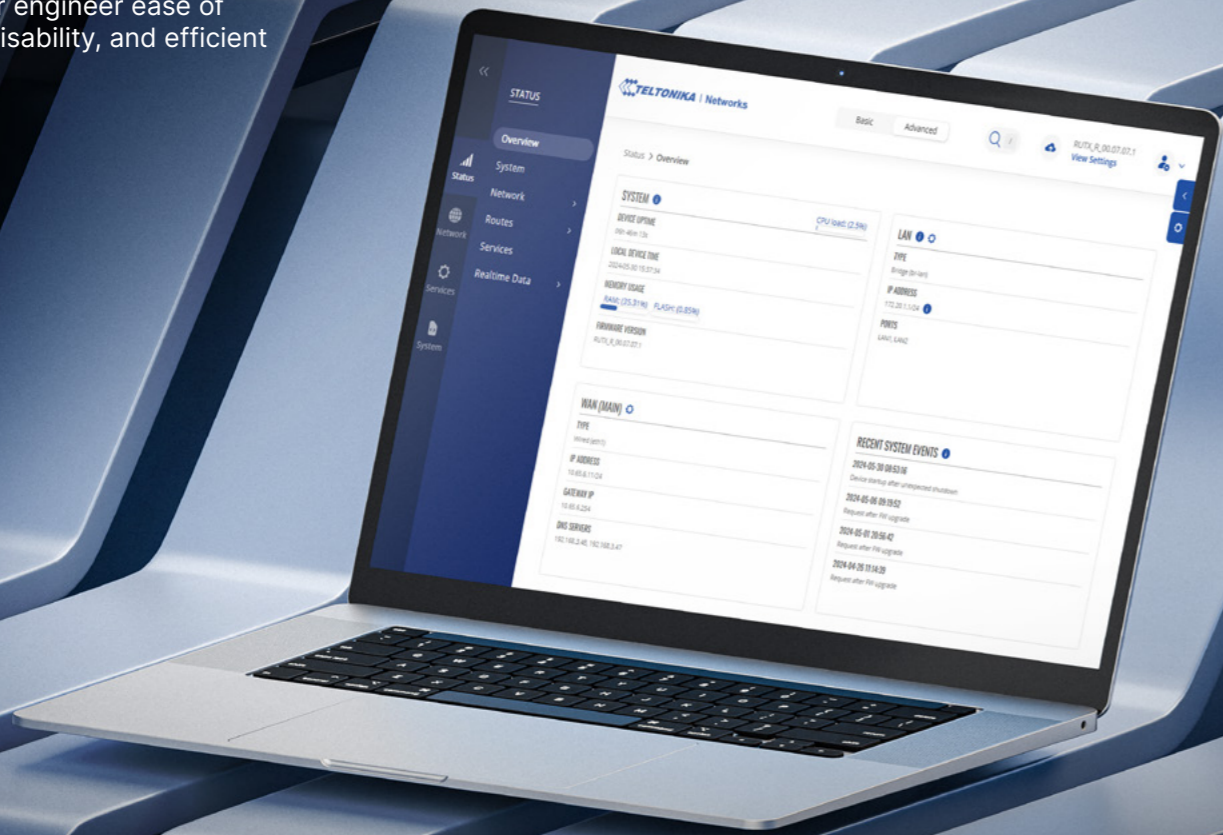
Assurance

Full and precise quality assurance in every step of production thanks to in-house design, development, and manufacturing.



RutOS

OpenWRT-based Linux OS designed for engineer ease of use, customisability, and efficient workflow



Reliable

Enhanced uninterrupted connectivity and protocol support for your IoT needs

Secure

Full of security features and failsafes to ensure maximum device and network security

Easy to use

Streamlined and customisable UX for simple yet comprehensive management

Mobile

| | |
|------------------------------|--|
| Mobile modes | Bridge, Passthrough, NAT |
| Mobile features | Auto SIM switching, SMS & call control, SMS relays, SIM idle protection, framed routing |
| Mobile communication control | Operator black/white list (by country or separate operators), band lock, auto APN, multiple PDNs, USSD |

Wireless

| | |
|-------------------|--|
| Wireless modes | Access point (AP), station (STA), wireless mesh (802.11s), fast roaming (802.11r), Relayd, BSS transition management (802.11v), radio resource measurement (802.11k) |
| Wireless security | WPA2-Enterprise - PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE; AES-CCMP, TKIP, auto-cipher modes, client separation, EAP-TLS with PKCS#12 certificates, disable auto-reconnect |

Network

| | |
|-----------------------|--|
| Connection monitoring | Ping reboot, Wget reboot, periodic reboot, LCP and ICMP for link inspection |
| Networking | VoIP passthrough support, connection monitoring, firewall, firewall status page, ports management, network topology, DHCP, QoS / Smart Queue Management (SQM), DDNS, Network backup, load balancing, hotspot, SSHFS, VRF support |
| Routing | Static routing, dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), policy-based routing |

Security

| | |
|-------------------|---|
| Security basics | Preconfigured and customisable firewall, web filtering, DMZ, user control, firewall status |
| VPN and tunneling | OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale |
| Authentication | Pre-shared key, digital certificates, X.509 certificates, TACACS+, Radius, IP & login attempts block, time-based login blocking, built-in random password generator |

Services

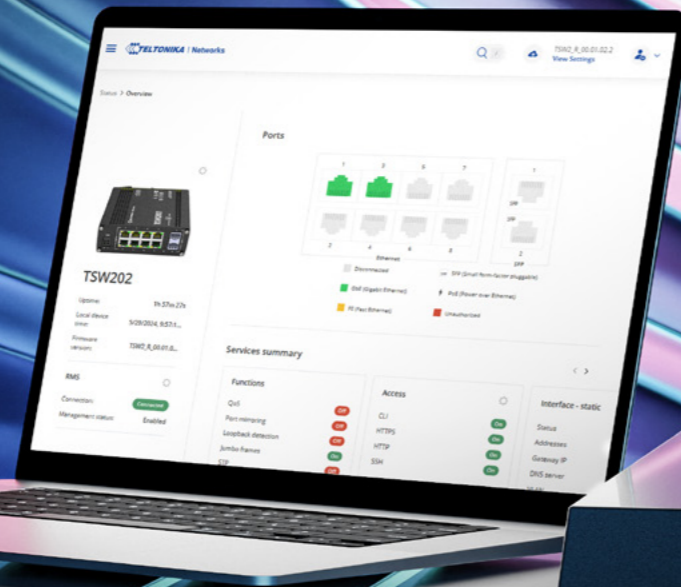
| | |
|----------------------------|---|
| Time sync services | NTP (server, client), GNSS, Mobile operator |
| Other services | Data to server, I/O control, location services, WoL, network topology |
| Industrial protocols | MODBUS (supported connection types RTU (RS232, RS485), TCP, USB), BACnet, DNP3, M-Bus, OPC UA, DLMS |
| Communication & monitoring | JSON-RPC, MQTT (broker, publisher, subscriber, Azure MQTT, Kinesis), SNMP, SSH, TR-069, WEB UI, CLI |
| Serial modes | Console, serial and M-Bus over IP, modem, Modbus gateway, NTRIP |
| USB services | Samba share, USB-to-serial, storage memory expansion, printer server, DLNA |
| 3rd party cloud support | Azure IoT Hub, AWS IoT Greengrass, Cloud of Things, Cumulocity, ThingWorx |

Customisation

| | |
|---------------------|---|
| RutOS developed on | Open-WRT based Linux OS |
| Supported languages | Busybox shell, Lua, C, C++, Python, Java |
| Development tools | Software development kit with a build environment |
| OS languages | English, German, Spanish, Portuguese, Japanese, Turkish |

WitchOS

OpenWRT-based Linux OS designed for easy and comprehensive managed switch workflow



Seamless

Numerous DHCP options for enhanced network stability and control

Secure

Comprehensive authentication features for enhanced security and access control

Reliable

Remote port management, ensuring uninterrupted network performance

Services

| | |
|---------------------|---|
| Supported protocols | EtherNet/IP, Profinet (class B), SNMP V2, V3, LLDP, and more |
| Network management | 802.1p CoS, 802.1x port-based network access control, 802.1Q VLAN |

Network

| | |
|---------------|--|
| MRP | MRP client/server |
| L2 features | Loop protection, forwarding table, VLAN, STP/RSTP |
| L3 features | Static IPv4 routing, static IPv6 routing, DHCPv6 client, static IPv6 address |
| DHCP | DHCP client/server, static leases, and MAC with wildcards |
| Port settings | Enable/disable, link speed control, port isolation, PoE management, EEE (802.3az) management, port mirroring |

Security

| | |
|----------------|--|
| Authentication | PAM, Radius & TACACS+, IP & login attempts block |
|----------------|--|

QoS

| | |
|-------------------|--|
| QoS | Port priority, DSCP priority, 802.1p priority, ToS |
| Scheduling | SP/WFQ/WRR |
| Bandwidth control | Rate limiting, storm control |
| Traffic shaper | Port-based shaping |

Diagnostics

| | |
|-------------|--|
| Tools | Cable diagnostic, ping, traceroute, nslookup |
| Ping reboot | Port-specific PoE reboot |



RMS

User-friendly platform for remotely accessing and controlling your fleet of devices, tailor-made to meet your remote IoT solution needs



Access

Easy remote access to your devices – no public IP needed

Unite

Unified platform with multitenancy capabilities

Customise

Adaptable interface and functionality to best fit your needs

Integrate

API support for integrating RMS into your solution

Management

Gain complete and secure control over your fleet of Teltonika networking devices—no public IP needed

Connect

Secure your entire remote infrastructure quickly and easily with robust VPN connections

VPN

Reach and remotely control your end devices connected to RMS-compatible devices

Security

Developed in-house, RMS ensures secure communication and data integrity by adhering to the strictest privacy and cybersecurity standards set by the European Union

Hosting

Hosted on AWS: a leading cloud server synonymous with security, scalability, and high availability

Applications

RMS VPN for direct VPN access and automatic client syncing

Mobile app for iOS and Android

Teltonika ID for two-factor authentication

Pricing

Long-term or flexible licensing options for modular and cost-effective pricing

Customisation

Adapt RMS to your solutions using custom control functions, alerts, and automation schemes

Capabilities

Full management capabilities of supported Teltonika networking devices, including remote onboarding, custom alarms, firmware updates, automatic backups, performance analysis, and more

Secure and direct access to third-party devices via RMS Connect or VPN

Availability

RMS is free to start: creating an RMS account, adding Teltonika networking devices, and testing its capabilities can all be done free of charge

NETWORK SEGMENTATION ROUTERS

RUT1 SERIES

Flawless network segmentation

COMMON FEATURES

NAT functionality

Perfect for network segmentation

Connectivity

2 × 10/100 Mbps Ethernet ports, Wi-Fi 4

Power input

1 × 3-pin tailored for industrial use

Quick & easy

Simple installation with an integrated DIN rail bracket



Compact, easy, and affordable



Compact & tailor-made for RS232 communication

IDEAL FOR

Network segmentation

Acting as boundary devices for isolated networks within an existing infrastructure, ensuring both network security and controlled external access

Production line connectivity

Easy connection of each production line to a separate network, enhancing security, optimising traffic, and ensuring smooth data flow

Legacy equipment connectivity

Easy connection of legacy equipment, including CNC machines, PLCs, medical equipment, and more



3-PIN CONNECTOR INCLUDED



SINGLE-SIM CELLULAR ROUTERS

RUT2 SERIES

Seamless cellular connectivity
for everyday solutions

COMMON FEATURES

Single-SIM LTE

4G LTE, backward compatible with 3G

WAN failover

Automatically switches to an available backup connection

Interfaces

2 × 10/100 Mbps Ethernet ports, digital I/Os

Wi-Fi

2.4 GHz (b/g/n), wireless AP with hotspot

RUT200

Affordable Cat 4 all-star for select regions

RUT241

Affordable Cat 4 all-star, available globally

RUT260

LTE Cat 6 speeds in your pocket

IDEAL FOR

POS systems

Seamless connectivity in retail, restaurants, hotels, or any mobile businesses

Digital service hubs

Reliable connectivity for digital signage displays and interactive self-service terminals, such as parcel or vending machines

Mobile and temporary deployments

Ideal for construction sites, events, or emergencies requiring quick and reliable connectivity





INDUSTRIAL ROUTERS

RUT3 SERIES

Comprehensive cellular & Ethernet capabilities

COMMON FEATURES

Configurable I/Os

2 x configurable digital I/Os

Durable

Rugged aluminium housing
withstanding -40 °C to 75 °C

VPN support

GRE, PPTP, L2TP, Stunnel,
DMVPN, SSTP, ZeroTier,
Tinc & more

RMS

Compatible with our Remote
Management System

RUT301

Ethernet connectivity with
versatile interfaces

RUT361

361° of LTE Cat 6
& Wi-Fi connectivity

IDEAL FOR

Sustainable energy

Easy monitoring of wind turbines, solar panels, and other infrastructure
in remote, rural, or offshore locations

Smart city applications

Reliable connectivity for CCTV cameras, traffic management systems,
billboards, digital signage, retail applications, and more

Smart agriculture

Seamless connectivity for remote farm management, from monitoring
crops and livestock to automated feeding and controlling climate
systems



EXPERT
REMOTE
MANAGEMENT





DUAL-SIM CELLULAR ROUTERS

RUT9 SERIES

Dual-SIM for uninterrupted connectivity

COMMON FEATURES

LTE Cat 4

4G, backward compatible with 3G/2G

Dual-SIM

With auto-failover and backup WAN

Ethernet

4 × 10/100 Mbps Ethernet ports

Wi-Fi

2.4 GHz (b/g/n), wireless AP with hotspot



RUT901

All-reliable cellular router for select regions



RUT951

All-reliable cellular router, available globally



RUT906

Master of interfaces for select regions, including RS232 and RS485



RUT956

Master of interfaces available globally, including RS232 and RS485

IDEAL FOR

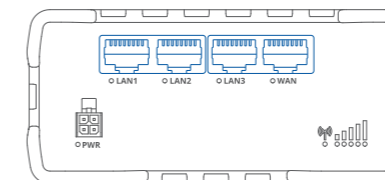
Industrial applications

Designed for reliable performance in industrial environments, including wide protocols support and DIN rail mounting

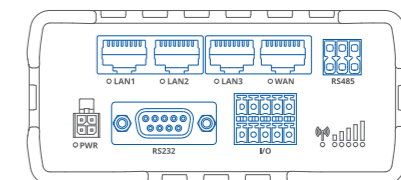
Remote monitoring & management

Seamless connectivity for remote applications, including pop-up stores, precision machinery, remote mining operations, and mobile agricultural equipment

VERSATILE INTERFACES, UNLIMITED POTENTIAL



*RUT901 & RUT951



*RUT906 & RUT956

INDUSTRIAL ROUTERS

RUTM SERIES

For power, speed & versatility



COMMON FEATURES

Gigabit Ethernet

4 x ports with up to 128 supported port/tag-based VLANs

Interfaces

Including digital I/Os & USB

VPN

Including OpenVPN, IPsec, PPTP, L2TP & DMVPN

RMS

Compatible with our Remote Management System



RUTM08

Ethernet connectivity with 4x Gigabit Ethernet



RUTM10

Ethernet connectivity with Dual-Band Wi-Fi



RUTM09

Wired-only Cat 6 connectivity



RUTM11

Cat 6 with Dual-Band Wi-Fi

IDEAL FOR

Urban development

Secure and stable connectivity for surveillance systems, traffic monitoring, elevator systems, and other urban spaces and applications

Enterprise

Reliable Internet access combined with VPN support, traffic management, and other advanced features ensuring smooth operation and security



YOUR MULTITool FOR NETWORKING MASTERY



EXPERT INDUSTRIAL ROUTERS

RUTX SERIES

High-performance optionality

COMMON FEATURES

Connectivity

4G cellular, Ethernet & wireless routers

Interfaces

Including Gigabit Ethernet, digital I/Os & USB

RMS

Compatible with our Remote Management System

RutOS

Feature-rich operating system with advanced security features

RUTX08

Ethernet connectivity with 4x Gigabit Ethernet

RUTX12

Dual Cat 6 modems with simultaneous connections

RUTX09

Wired-only Cat 6 connectivity

RUTX14

Cat 12 with up to 600 Mbps

RUTX10

Ethernet connectivity with Bluetooth and Dual-Band Wi-Fi

RUTXR1

Rack-mountable Cat 6 with SFP port & dual power supply

RUTX11

Cat 6 with Bluetooth and Dual-Band Wi-Fi

IDEAL FOR

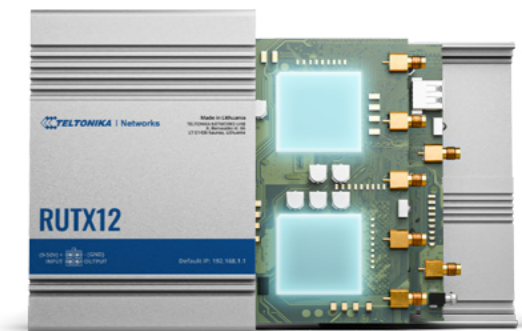
Retail

Seamless connectivity for POS systems, interactive kiosks, self-service and parcel terminals, vending machines, and more

Public transportation

Reliable wireless connectivity for personnel, passengers, and on-board devices such as GPS trackers, ticketing terminals, and more

DUAL MODULES,
SINGULAR BRILLIANCE





5G CELLULAR ROUTERS

5G SERIES

The 5G evolution of connectivity

COMMON FEATURES

5G

Ultra-high cellular speeds over 3 Gbps

Dual-SIM

Auto-failover, backup WAN, and other switching scenarios

SA & NSA

Supports both 5G architectures

Future-proofing

Backward compatible with 4G (LTE Cat 18, 19, 20) and 3G

RUTM50

5G powerhouse for the North American market

RUTX50

5G powerhouse for worldwide industrial applications

IDEAL FOR

Mobile & temporary deployments

Pop-up stores, event venues, outdoor festivals, construction sites, and other locations requiring reliable and quick-to-deploy connectivity

Travel & tourism

Perfect for solutions requiring on-the-go, high-speed connectivity, suitable for travel agencies, cruise ships, RVs, and boats

Remote livestreaming

Enabling content creators, journalists, and event organisers livestream events and other on-the-go footage in real time



HARNESS THE POWER OF 5G NETWORKS



RUTC50

Your 5G wireless multitool

IDEAL FOR

Public transportation

Reliable wireless connectivity for personnel, passengers, and on-board devices such as GPS trackers, ticketing terminals, and more

Pop-up events

Reliable connectivity in pop-up events and uninterrupted event streaming capabilities

Smart city applications

Reliable connectivity for CCTV cameras, traffic management systems, billboards, digital signage, retail applications, and more

FEATURES

5G

Ultra-high cellular speeds of up to 3.4 Gbps

Wi-Fi 6

Dual-band multi-user MIMO wireless capabilities

Processing power

1.3 GHz, dual-core ARM Cortex-A53 CPU

Dual-SIM

With auto-failover, backup WAN, and other switching scenarios



RATHER WATCH?

Explore our YouTube channel





OTD140

Go outdoors & brave the elements

IDEAL FOR

Construction sites

Reliable connectivity for portable offices, trailers, and CCTV cameras under rainy and dust-exposed environmental conditions

Campsites & RV parks

Convenient connectivity for campers, RV parks, and all other outdoor explorers

Remote outdoor monitoring

Suitable for remote outdoor projects monitoring solar panels, pipelines, agricultural fields, offshore installations, and more



FEATURES

Outdoor router

IP55 durability for outdoor deployment

LTE Cat 4

Dual-SIM with auto-failover

PoE-in/out

Streamlined powering options

Easy mounting

Integrated mounting bracket



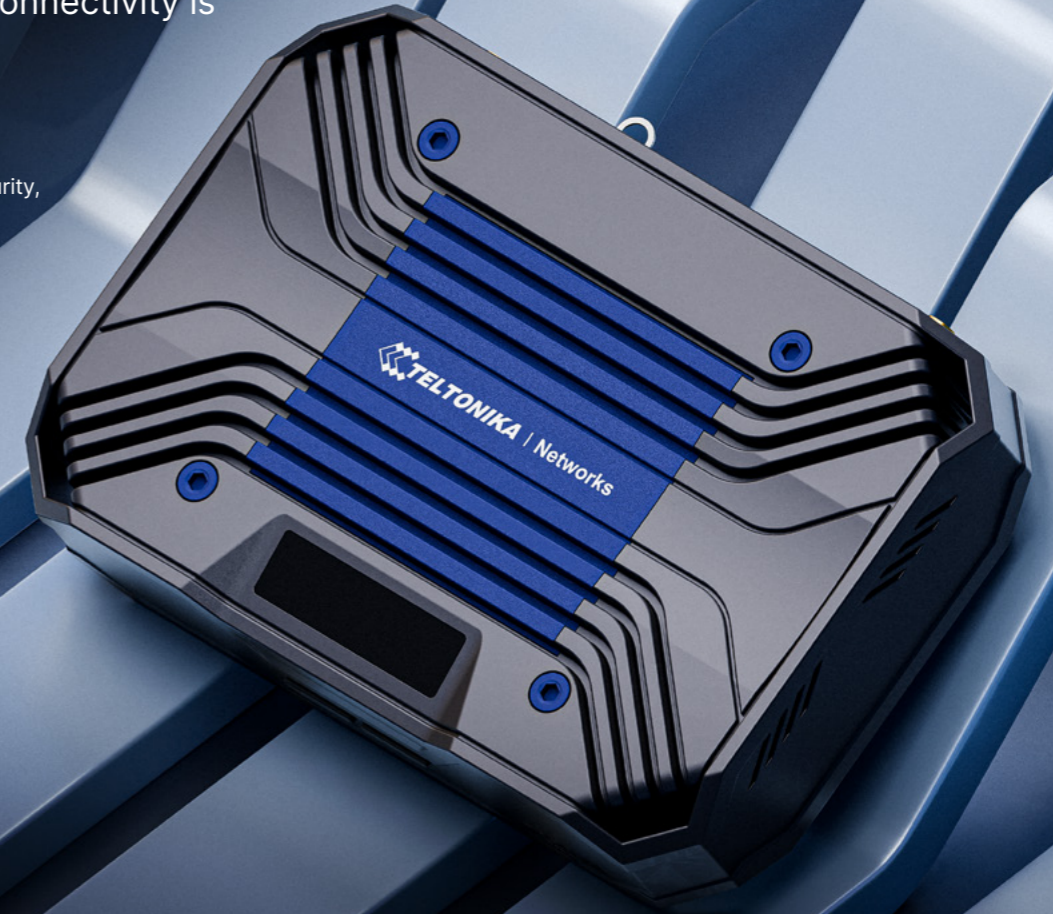
TCR100

Home is where industrial-grade connectivity is

IDEAL FOR

Expert home use

Simple home setup with high performance, advanced security, and customisability



FEATURES

Home router

Industrial-grade experience for comfortable home use

LTE-A Cat 6

Up to 300 Mbps with carrier aggregation

Ethernet

2 × 10/100 Mbps Ethernet

RutOS

Feature-rich operating system with advanced security features



SINGLE-SIM GATEWAYS

TRB1 SERIES

Mission-focused gateways

COMMON FEATURES

Perfect interface

Each device is tailor-made to support a specific interface

4G LTE

LTE Cat 1 and Cat 4 single-SIM cellular gateways

Industrial-grade

Compact, durable, and designed for industrial applications

RMS

Compatible with our Remote Management System

TRB140

Your compact gateway to connectivity with Gigabit Ethernet

TRB143

M-Bus for seamless telemetry

TRB141

Your compact gateway to connectivity – with I/Os!

TRB145

RS485 for multipoint communication

TRB142

RS232 for point-to-point communication

IDEAL FOR

Smart metering

Two-way communication between smart meters and central systems for easy, real-time telemetry

Remote monitoring & management

Reliable, 24/7 monitoring and management of equipment, infrastructure, and environmental conditions

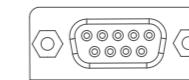
YOUR NEEDS, YOUR SOLUTION



TRB140
Ethernet



TRB141
I/O



TRB142
RS232



TRB143
M-Bus



TRB145
RS485



DUAL-SIM GATEWAYS

TRB2 SERIES

Dual-SIM gateways for uninterrupted connectivity

COMMON FEATURES

Uninterrupted 4G

Dual-SIM with auto-failover and backup WAN

Interfaces

1 x Ethernet port, configurable I/Os, RS232, RS485

Compact

All you need, right in your pocket

GNSS

Location services and time synchronisation

TRB246

LTE Cat 4, backward compatible with 3G/2G

TRB256

LTE Cat 1/NB-IoT & 450 MHz support

IDEAL FOR

Real-time telemetry

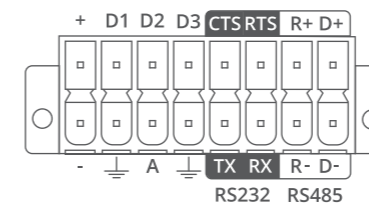
Reliable connectivity for real-time data collection and transmission to and from remote equipment

Utilities

Expert and secure utilities system management, real-time data gathering from energy meters, and predictive maintenance

Industrial applications

RS232 and RS485 for easy connectivity in industrial machinery, such as PLCs, CNC machines, and more



GREATER RANGE,
BROADER APPLICATION



TRB160

Speed & aggregation

IDEAL FOR

Vending machines

Compact connectivity in tight-space retail and smart city applications, such as vending machines

Digital service hubs

Reliable connectivity for digital signage displays and interactive self-service terminals

Remote monitoring & management

Seamless connectivity for remote applications, including energy grid monitoring, precision machinery, mining, and agricultural equipment

FEATURES

4G LTE Cat 6

Cellular speeds of up to 300 Mbps with carrier aggregation

Compact

Small size, easy installation

Protocols

Supports OPC UA, DNP3, Modbus & more

USB Type-C

For simultaneous powering and network data provision



TRB500

Your gateway to a 5G world

IDEAL FOR

Automation

Maximum throughput at minimum latency for automation solutions demanding precision and high-speed processing

Smart agriculture

Enhancing operational efficiency in agriculture applications and enabling increased scalability of smart machines

FEATURES

5G

5G SA/NSA, backward compatible with LTE Cat 20 & 3G

Throughput

Ultra-high cellular speeds of up to 1 Gbps

Low latency

Single-digit latency for mission-critical applications

Compact

Smallest 5G gateway on the market





UNMANAGED ETHERNET SWITCHES

TSW0 SERIES

Unmanaged switches for zero-hassle deployment

COMMON FEATURES

Ethernet

5 to 8 10/100 Ethernet ports

2-pin power

Simple and suitable for industrial applications

Easy mounting

Integrated DIN rail bracket for plug-and-play deployment

Industrial design

Anodised aluminium housing and panels

TSW010

Cover your switch basics effortlessly

TSW030

8 ports, endless possibilities

TSW040

8 PoE+ ports for power & connectivity

IDEAL FOR

Water & wastewater management

Remote management and control of water treatment plants, pump stations, sewage systems, and more

Factory floor automation

Facilitates automation processes via connectivity for PLCs, sensors, actuators, and other industrial devices

PoE lighting

Centralised control and reconfiguration flexibility for smart lighting systems



AFFORDABLE
INDUSTRIAL
SWITCHES



5-PORT UNMANAGED SWITCHES

TSW1 SERIES

Unmanaged switches with Gigabit versatility

COMMON FEATURES

Plug-and-play

No additional configuration needed, no time wasted

Easy mounting

Multiple DIN rail mounting options

Ethernet

5 x Gigabit Ethernet

Durable

Rugged aluminium housing withstanding -40 °C to 75 °C



TSW100

4 PoE+ ports for your powering needs



TSW110

For your 5-port solution needs



TSW101

Tailor-made for automotive solutions



TSW114

5 ports & integrated DIN rail bracket

IDEAL FOR

Smart building management

Connect your smart lighting, HVAC systems, occupancy sensors, and other devices

Mobile/autonomous surveillance systems

Connect your IP cameras, recording devices, and other devices for real-time monitoring and enhanced security

Industrial automation

High-speed connectivity for PLCs, HMI panels, industrial robots, and other automation and manufacturing devices



SWITCH TO AUTOMOTIVE PoE

8-PORT UNMANAGED SWITCHES

TSW2 SERIES

Unmanaged 8-port Gigabit switches

COMMON FEATURES

Plug-and-play

No additional configuration needed, no time wasted

SFP

2 x SFP for long-range fibre-optic communication

Ethernet

8 x Gigabit Ethernet

Easy mounting

Back-side DIN rail bracket

TSW200

8 PoE+ Ethernet & 2 SFP for maximum efficiency

TSW210

8 Ethernet, 2 SFP, zero hassles

IDEAL FOR

Surveillance power hub

Connect your IP cameras, NVRs, and access control systems in surveillance deployments

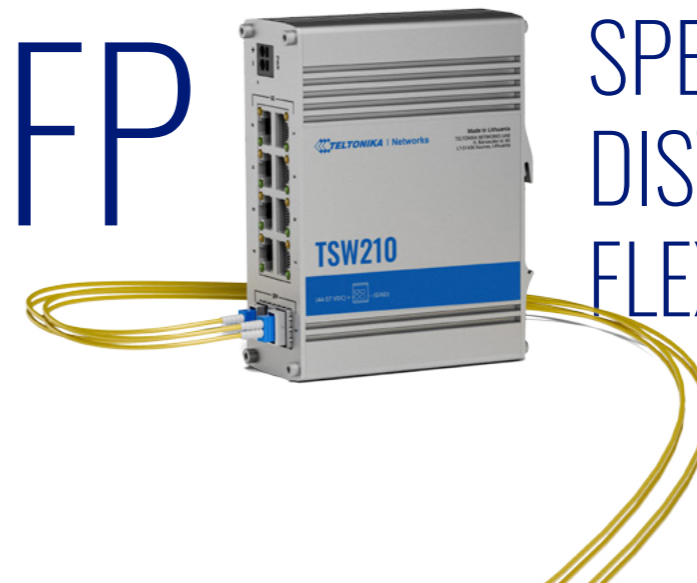
Smart agriculture

Connect your soil moisture sensors, weather stations, and irrigation controllers via simple setup and operation

Energy storage systems

Seamless communication between solar panels and energy storage systems

SFP



SPEED, DISTANCE, FLEXIBILITY



8-PORT MANAGED SWITCHES

TSW2 SERIES

Managed switches for expert applications

COMMON FEATURES

Managed

L2 managed switches with L3 features

Protocol support

PROFINET, Ethernet/IP, LLDP, MRP, SNMP V2/V3, and more

SFP & Ethernet

8 x Gigabit Ethernet and 2 x SFP

WitchOS

Custom OS tailor-made for managed switches

TSW202

Network control with PoE+ capabilities

TSW212

For your advanced network control needs

IDEAL FOR

Manufacturing

Upgrade production lines to improve efficiency and reduce downtime

Highway tunnel infrastructure

Pivotal for ensuring continuous operation and safety via MRP support

Traffic control systems

Remote monitoring and management of traffic flow, signals, and surveillance cameras





TSW304

Tiny switch for big ambitions

IDEAL FOR

Emergency services
& public safety

Ensures the resilience and continuity of communication systems during emergencies or power outages



FEATURES

Extra tiny

Only 102 × 25 × 81.5 mm

Powering

Can be powered via DC, AC, or Ethernet

Gigabit Ethernet

4 x Gigabit Ethernet ports

Durable

Shock-resistant aluminium housing



TSF010

Flat switch with deep functionality

IDEAL FOR

Narrow & tight-space applications

Provides network connectivity for solutions low on space, such as information kiosks, digital signage displays, and ticketing machines



FEATURES

3-pin power

Flexible and tailor-made for industrial use

Flat & compact

Flat and compact design weighing only 142 g

Easy mounting

Integrated DIN rail bracket for plug-and-play deployment

7-57 VDC

Suitable voltage range for industrial applications

INDUSTRIAL CELLULAR MODEMS

TRM SERIES

Connectivity – simple as that.



TRM240

LTE Cat 4, backward compatible with 3G/2G



TRM250

LTE Cat 1/NB-IoT, backward compatible with 2G



COMMON FEATURES

Plug-and play

No additional configuration needed, no time wasted

Micro USB

Powered via Micro USB

Industrial-grade

Compact and durable devices with low power consumption

4G

Single-SIM 4G modems

ENDLESS USE CASES

Explore the catalogue now!





Wi-Fi ACCESS POINTS

TAP SERIES

Seamless access, simple point

COMMON FEATURES

PoE-in

Can be powered via PoE

Sleek & easy

UV-stabilised plastic housing and integrated mounting bracket

RMS

Free access to RMS Management for 24 months

Wi-Fi

802.11r, 802.11k, and 802.11v fast roaming support

TAP100

Wi-Fi 4 for enhanced wireless coverage

TAP200

Wi-Fi 5 for enhanced wireless coverage in small & medium spaces

IDEAL FOR

Public spaces

Extends wireless coverage in larger areas, such as shopping malls, universities, airports, event venues, and more

People-counting solutions

Detection of Wi-Fi-enabled devices for people counting and motion analysis for establishing foot traffic patterns

Enterprise connectivity

Ensures reliable Wi-Fi connectivity in all areas, including meeting rooms, offices, and common areas



EASY ACCESS, EASIER MOUNTING

OUTDOOR ANTENNAS

Ultimate outdoor coverage



COMMON FEATURES

IP67

Water and dust-resistant for ultimate outdoor reliability

Omnidirectional

Designed for reliable signal coverage from every direction

Mounting bracket

Quick and easy pole/mast mounting

Perfect match

Compatible and designed to contain select Teltonika routers

FOR RUTX11 & RUTM11

4G, Wi-Fi, GPS & Bluetooth
Order code: PR1IC970

FOR RUTX50 & RUTM50

5G/4G, Wi-Fi & GPS
Ordering: PR1ICA70

FOR RUT2 SERIES

4G & Wi-Fi
Order code: PR1IC860

FOR RUT9 SERIES

4G, Wi-Fi & GPS
Order code: PR1ICC60



SEAMLESS DEVICE INTEGRATION



ACCESSORIES

A wide selection of industrial-grade accessories to perfect your networking solutions, including antennas, power supply adapters, and mounting solutions designed for optimal compatibility.

Can't find what you're looking for? Let us know and we'll get your fix.

POWERING OPTIONS



2-PIN POWER SUPPLY, 130W
EU: PR318EUA / AU: PR313AU3



2-PIN POWER SUPPLY, 250W
EU: PR320EUA / AU: PR320AUA
US: PR320USA / UK: PR320UKA



2-PIN POWER SUPPLY, 62W
EU: PR317EUA / AU: PR317AUA
US: PR317USA / UK: PR317UKA



2-PIN POWER SUPPLY, 9W
EU: PR3PREU6 / AU: PR3PRAU6
US: PR3PRUS6 / UK: PR3PRUK6



DIN RAIL POWER SUPPLY, 15W
Order code: PR321NP0



DIN RAIL POWER SUPPLY
Order code: PR3PDNP0



POWER SUPPLY, 130W
EU: PR313EU3 / AU: PR313AU3
US: PR313US3 / UK: PR313UK3



POWER SUPPLY, 18W
EU: PR3PXEU3 / AU: PR3PXAU3
US: PR3PXUS3 / UK: PR3PXUK3



POWER SUPPLY, 24W
EU: PR3P2EU3 / AU: PR3P2AU3
US: PR3P2US3 / UK: PR3P2UK3



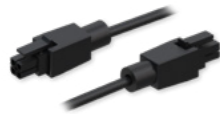
POWER SUPPLY, 62W
EU: PR3PWEU3 / AU: PR3PWAU3
US: PR3PWUS3 / UK: PR3PWUK3



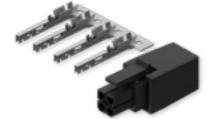
POWER SUPPLY, 9W
EU: PR3PUEU3 / AU: PR3PUAU3
US: PR3PUUS3 / UK: PR3PUUK3
JP: PR3PUJP3



UNIVERSAL POWER SUPPLY, 9W
Order code: PR3PUPS3



4-PIN TO 4-PIN POWER CABLE
Order code: PR2PP10B



4-PIN PLUG WITH CONTACT TERMINALS
Order code: PR4MK04K



4-PIN POWER ADAPTER WITH I/O ACCESS
Order code: PR5MEC21



4-PIN TO BARREL SOCKET ADAPTER
Order code: PR2PD01B



SINGLE PORT GIGABIT PoE INJECTOR
EU: PR322EU7 / UK: PR322UK7

ANTENNA OPTIONS



Wi-Fi MAGNETIC SMA ANTENNA
Order code: PR1KRF30



5G COMBO MIMO MOBILE/GNSS/Wi-Fi ROOF SMA ANTENNA
Order code: PR1KC640



5G MOBILE MAGNETIC SMA ANTENNA
Order code: PR1KS536



5G MOBILE SMA ANTENNA
Order code: PR1US540



AUTOMOTIVE POWER SUPPLY
Order code: PR2AM20M



BAT120 POWER SUPPLY
Order code: BAT120000000



POWER CABLE WITH 4-WAY OPEN WIRE
Order code: PR2PL15B



POWER CABLE WITH 4-WAY SCREW TERMINAL
Order code: PR2FK20M



ANGLED COMPACT MOBILE ANTENNA
Order code: PR1US450



BLUETOOTH MAGNETIC SMA ANTENNA
Order code: PR1KRT25



STRAIGHT COMPACT MOBILE ANTENNA
Order code: PR1CS450



GNSS ADHESIVE SMA ANTENNA
Order code: PR1KSG30



SURFACE MOUNTING KIT
Order code: PR5MEC12



COMPACT DIN RAIL KIT
Order code: PR5MEC11



DIN RAIL KIT ADAPTER
Order code: PR5MEC23



DIN RAIL KIT
Order code: PR5MEC00



MOBILE ADHESIVE SMA ANTENNA
Order code: PR1AS420



Wi-Fi DUAL-BAND SMA ANTENNA
Order code: PR14RD35



MOBILE MAGNETIC SMA ANTENNA
Order code: PR1KS210



MOBILE SMA ANTENNA
Order code: PR1US440



TSW1-SERIES REAR PANEL WITH DIN RAIL HOLDER
Order code: PR5MEC24



RACK MOUNTING KIT
Order code: PR5MEC26



SURFACE CLIP HOLDER KIT
Order code: PR5MEC22



TSW2-SERIES REAR PANEL WITH DIN RAIL HOLDER
Order code: PR5MEC25

OTHER



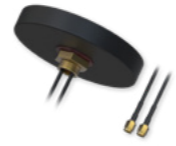
Wi-Fi DUAL-BAND MAGNETIC SMA ANTENNA
Order code: PR1KRD30



Wi-Fi SMA ANTENNA
Order code: PR1URF51



COMBO MIMO MOBILE/GNSS/Wi-Fi ROOF SMA ANTENNA
Order code: PR1KCO28



COMBO MIMO MOBILE ROOF SMA ANTENNA
Order code: PR1KCL25



2x3-PIN CONNECTOR
Order code: PR4RS06K



2x8-PIN CONNECTOR
Order code: PR4IO17K



CONSOLE CABLE 1.8M
Order code: PR2UR18M



ETHERNET CABLE 1.5M
Order code: PR2LA15B



COMBO QUAD MOBILE/GNSS ROOF SMA ANTENNA
Order code: PR1KCL28



COMBO SISO MOBILE/GNSS/Wi-Fi ROOF SMA ANTENNA
Order code: PR1KCS28



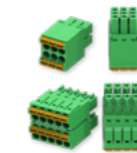
MOBILE SMA ANTENNA WITH 450 MHz
Order code: PR1US740



SMA CABLE EXTENSION
Order code: PR2VM20M



USB 2.0 TYPE-A TO MICRO USB TYPE-B CABLE
Order code: PR2US08M



CONNECTOR SET
Order code: PR5MEC15



SIM ADAPTER KIT
Order code: PR5MEC19



DUST COVERS
Order code for RJ45: PR5MEC32
Order code for SFP: PR5MEC33

DEVICE COMPARISON

| PRODUCT KEY FEATURES | ROUTERS | | | | | | | | | | | | | |
|-----------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | RUT140 | RUT142 | RUT200 | RUT241 | RUT260 | RUT301 | RUT361 | RUT901 | RUT906 | RUT951 | RUT956 | RUTM08 | RUTM09 | RUTM10 |
| 5G | | | | | | | | | | | | | | |
| 4G/LTE | | | Cat 4 | Cat 4 | Cat 6 | | Cat 6 | Cat 4 | Cat 4 | Cat 4 | Cat 4 | | Cat 6 | |
| 2G/3G | | | 2G/3G | 2G/3G | 3G | | 3G | 2G/3G | 2G/3G | 2G/3G | 2G/3G | | 3G | |
| CPU (MHz) | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 580 | 2×880 | 2×880 | 2×880 |
| RAM (MB) | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 256 | 256 | 256 |
| Flash memory (MB) | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 256 | 256 | 256 |
| Passive PoE-in | • | • | • | • | • | • | | • | • | • | • | • | • | • |
| Power voltage (VDC) | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-50 | 9-50 | 9-50 |
| SIM card slots | | | 1 | 1 | 1 | | 1 | 2 | 2 | 2 | 2 | | 2 | |
| Ethernet ports | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Ethernet speed (Mbps) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1000 | 1000 | 1000 |
| Wi-Fi standard | | | n | n | n | | n | n | n | n | n | | | ac |
| GNSS | | | | | | | | | | | | | | |
| I/Os | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 2 | 7 | 2 | 7 | 2 | 2 | 2 |
| RS232 | | • | | | | | | | | | | | | |
| RS485 | | | | | | | | | | | | | | |
| Bluetooth | | | | | | | | | | | | | | |
| USB | | | | | | Host | | | Host | | Host | Host | Host | Host |
| Integrated bracket | • | • | | | | | | | | | | | | |
| Grounding terminal | • | • | | | | | | | | | | | • | |
| RMS support | | | • | • | • | • | • | • | • | • | • | • | • | • |
| RutOS | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

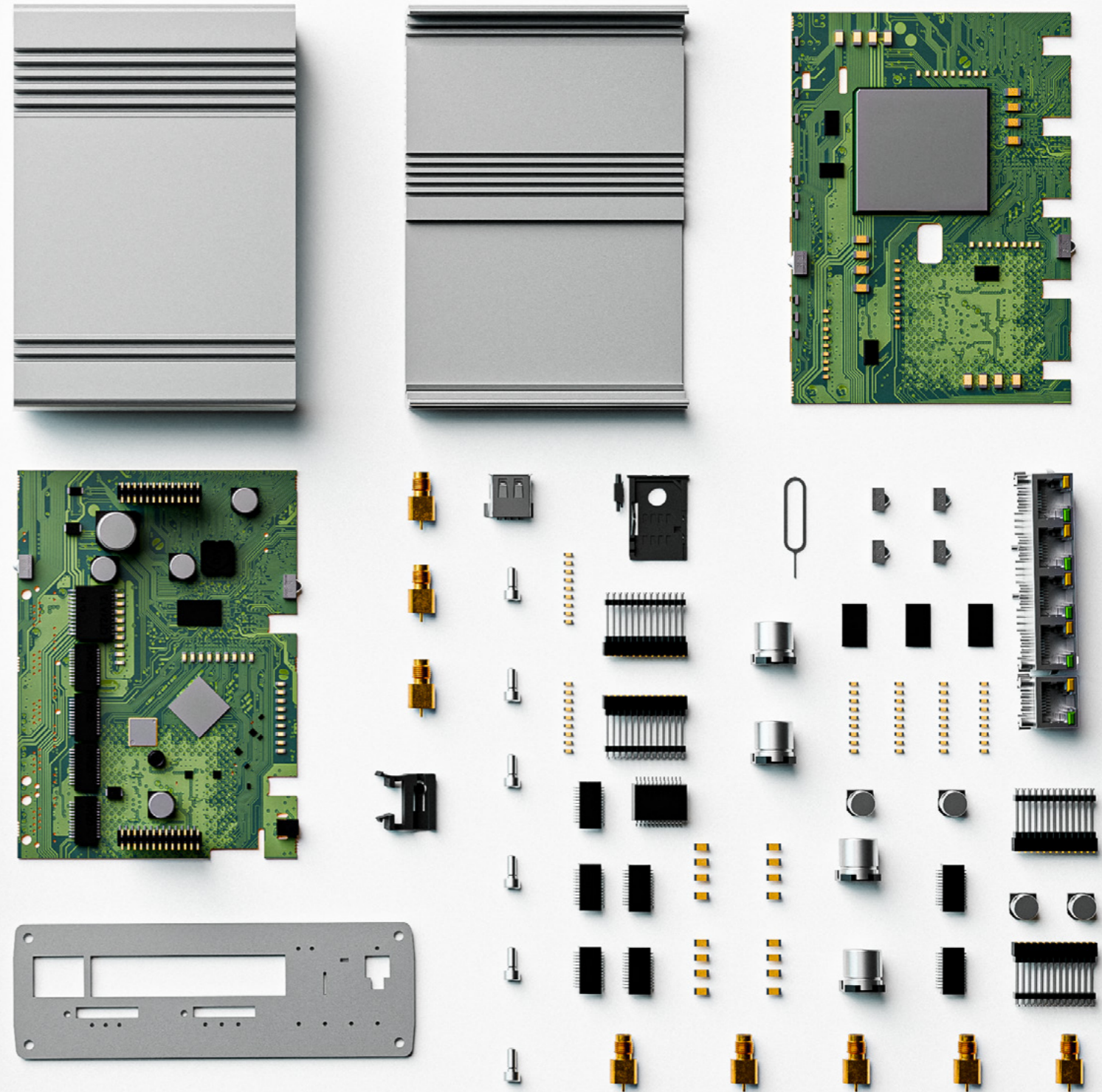
| PRODUCT KEY FEATURES | RUTM11 | RUTX08 | RUTX09 | RUTX10 | RUTX11 | RUTX12 | RUTX14 | RUTXR1 | RUTM50 | RUTX50 | RUTC50 | OTD140 | TCR100 |
|-----------------------|--------|--------|--------|--------|--------|-----------|--------|----------|--------|--------|--------|---------|--------|
| 5G | | | | | | | | | • | • | • | | |
| 4G/LTE | Cat 6 | | | | | 2 x Cat 6 | Cat 12 | Cat 6 | Cat 19 | Cat 20 | Cat 20 | Cat 4 | Cat 6 |
| 2G/3G | 3G | | | | | 3G | 3G | 3G | 3G | 3G | | 2G/3G | 3G |
| CPU (MHz) | 2×880 | | | | | 4×717 | 4×717 | 4×717 | 2×880 | 4×717 | 2×1300 | 580 | 650 |
| RAM (MB) | 256 | | | | | 256 | 256 | 256 | 256 | 256 | 512 | 128 | 128 |
| Flash memory (MB) | 256 | | | | | 256 | 256 | 256 | 256 | 256 | 512 | 13 | 16 |
| Active PoE-out | | | | | | | k | | | | | 802.3af | |
| Active PoE-in | | | | | | | | | | | | • | |
| Passive PoE-in | • | | | | | • | • | | • | • | • | | |
| Power voltage (VDC) | 9-50 | | | | | 9-50 | 9-50 | 2x(9-50) | 9-50 | 9-50 | 9-50 | 42.5-57 | 9-30 |
| SIM card slots | 2 | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| Ethernet ports | 4 | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 |
| Ethernet speed (Mbps) | 1000 | | | | | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 100 | 100 |
| Wi-Fi standard | ac | | | | | ac | ac | ac | ac | ac | ax | | ac |
| GNSS | • | | | | | • | • | | • | • | • | | |
| I/Os | 2 | | | | | 2 | 2 | | 2 | 2 | 2 | | |
| RS232 | | | | | | | | | | | | | |
| RS485 | | | | | | | | | | | | | |
| Bluetooth | | | | | | • | • | | | | | | |
| USB | Host | | | | | Host | Host | Host | Host | Host | Host | | |
| Integrated bracket | | | | | | | | | | | | | |
| Grounding terminal | • | | | | | • | • | • | • | • | • | | |
| RMS support | • | | | | | • | • | • | • | • | • | • | • |
| RutOS | • | | | | | • | • | • | • | • | • | • | • |

| PRODUCT KEY FEATURES | GATEWAYS | | | | | | | | | MODEMS | | ACCESS POINTS | |
|-----------------------|----------|--------|--------|--------|--------|--------|-----------|--------|---------------|--------|--------|---------------|--------|
| | TRB140 | TRB141 | TRB142 | TRB143 | TRB145 | TRB246 | TRB256 | TRB500 | TRB160 | TRM240 | TRM250 | TAP100 | TAP100 |
| 5G | | | | | | | | • | | | | | |
| 4G/LTE | Cat 4 | Cat 1 | Cat 1 | Cat 4 | Cat 1 | Cat 4 | M1/NB | Cat 20 | Cat 6 | Cat 1 | M1/NB | | |
| 2G/3G | 2G/3G | 2G/3G | 2G/3G | 2G/3G | 2G/3G | 2G/3G | NB2/EGPRS | 3G | 3G | 3G/2G | 2G | | |
| CPU (MHz) | 1200 | 1200 | 1200 | 1300 | 1200 | 580 | 580 | 1500 | 1200 | | | 580 | 2×880 |
| RAM (MB) | 128 | 128 | 128 | 256 | 128 | 128 | 128 | 256 | 128 | | | 64 | 256 |
| Flash memory (MB) | 512 | 512 | 512 | 512 | 512 | 16 | 16 | 512 | 256 | | | 16 | 16 |
| Active PoE-out | | | | | | | | | | | | | |
| Active PoE-in | | | | | | | | | | | | • | • |
| Passive PoE-in | • | | | • | | | | | • | | | | |
| Power voltage (VDC) | 9-30 | 9-30 | 9-30 | 12-30 | 9-30 | 9-30 | 9-30 | 9-30 | 9-30 | 5 | 5 | 44-57 | 44-57 |
| SIM card slots | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | | |
| Ethernet ports | 1 | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 |
| Ethernet speed (Mbps) | 1000 | | | 1000 | | 100 | 100 | 1000 | 1000 | | | 100 | 1000 |
| Wi-Fi standard | | | | | | | | | | | | n | ac |
| GNSS | | | | | | • | • | | | | | | |
| I/Os | 2 | 8 | 2 | 2 | 2 | 7 | 7 | 2 | 2 | | | | |
| RS232 | | | • | | | • | • | | | | | | |
| RS485 | | | | | • | • | • | | | | | | |
| Bluetooth | | | | | | | | | | | | | |
| USB | Client | Client | Client | | Client | | | Client | Power/Network | Client | Client | | |
| Integrated bracket | | | | | | | | | | | | • | • |
| Grounding terminal | | | | | | | | | | | | | |
| RMS support | • | • | • | • | • | • | • | • | • | | | • | • |
| RutOS | • | • | • | • | • | • | • | • | • | | | • | • |
| M-Bus | | | | • | | | | | | | | | |

| PRODUCT KEY FEATURES | ETHERNET SWITCHES | | | | | | | | | | | | | |
|-----------------------|-------------------|--------|-------------|-------------|-------------|--------|--------|-------------|--------|-------------|--------|--------|--------|--|
| | TSW010 | TSW030 | TSW040 | TSW100 | TSW101 | TSW110 | TSW114 | TSW200 | TSW210 | TSW202 | TSW212 | TSW304 | TSF010 | |
| Managed | | | | | | | | | | | • | • | | |
| MRP | | | | | | | | | | | • | • | | |
| STP/RSTP | | | | | | | | | | | • | • | | |
| Profinet | | | | | | | | | | | • | • | | |
| EtherNet/IP | | | | | | | | | | | • | • | | |
| QoS | | | | | | | | | | | • | • | | |
| Passive PoE-in | • | | | | | | • | • | | | | | • | |
| Active PoE-out | | | 802.3 af/at | 802.3 af/at | 802.3 af/at | | | 802.3 af/at | | 802.3 af/at | | | | |
| Power voltage (VDC) | 9-30 | 7-57 | 7-57 | 7-57 | 9-30 | 9-30 | 9-30 | 7-57 | 7-57 | 7-57 | 7-57 | 7-57 | 7-57 | |
| Ethernet ports | 5 | 8 | 8 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 8 | 4 | 5 | |
| SFP ports | | | | | | | | 2 | 2 | 2 | 2 | | | |
| Ethernet speed (Mbps) | 100 | 100 | 100 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 100 | |
| Integrated bracket | • | • | • | | | | | • | • | • | • | • | • | |
| Grounding terminal | | • | • | • | • | • | • | • | • | • | • | • | • | |
| RMS | | | | | | | | | | | • | • | | |
| WitchOS | | | | | | | | | | | • | • | | |

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