



YOUR CONNECTIVITY STARTS HERE

Networking product catalogue / 2024

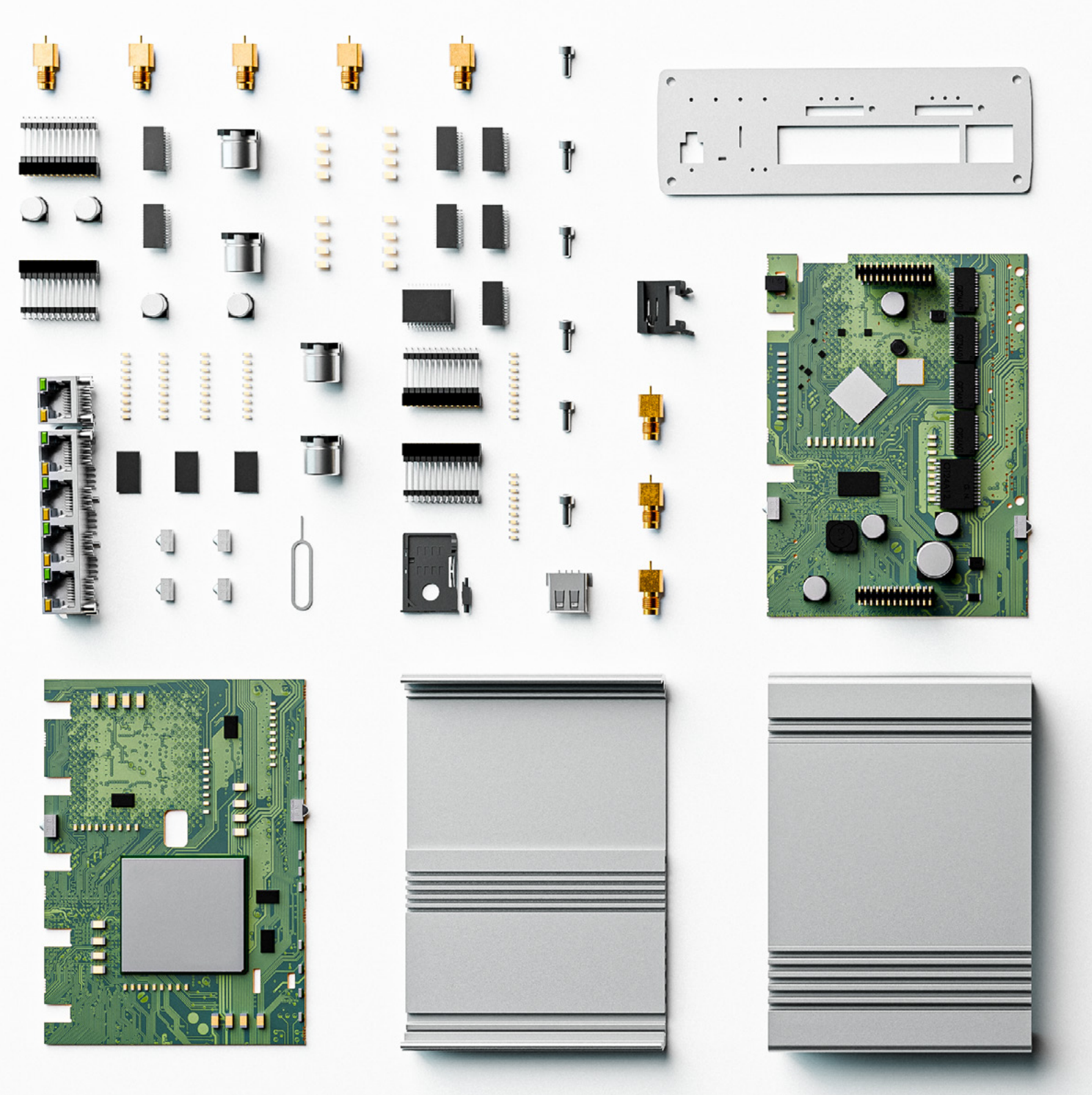


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WHO ARE WE?

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

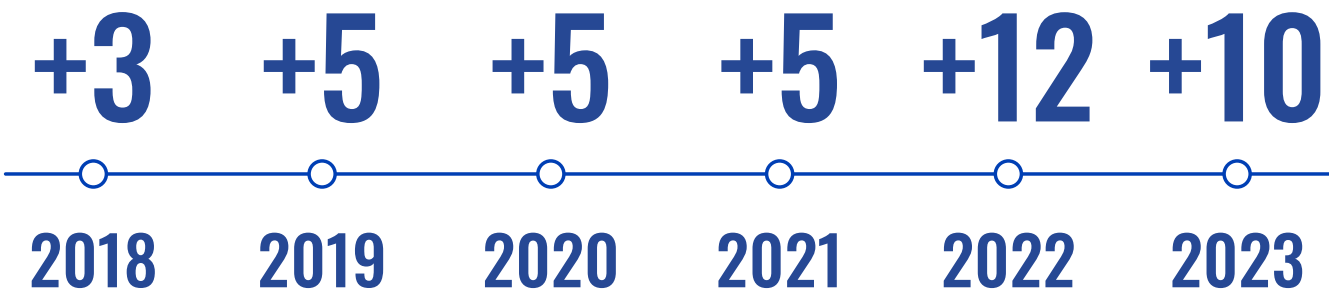
We not only work but also live to help and share kindness to the people, especially to those who need our help the most. We are keeping our values by continuously and courageously creating synergy between Teltonika and business partners, as well as clients.

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.

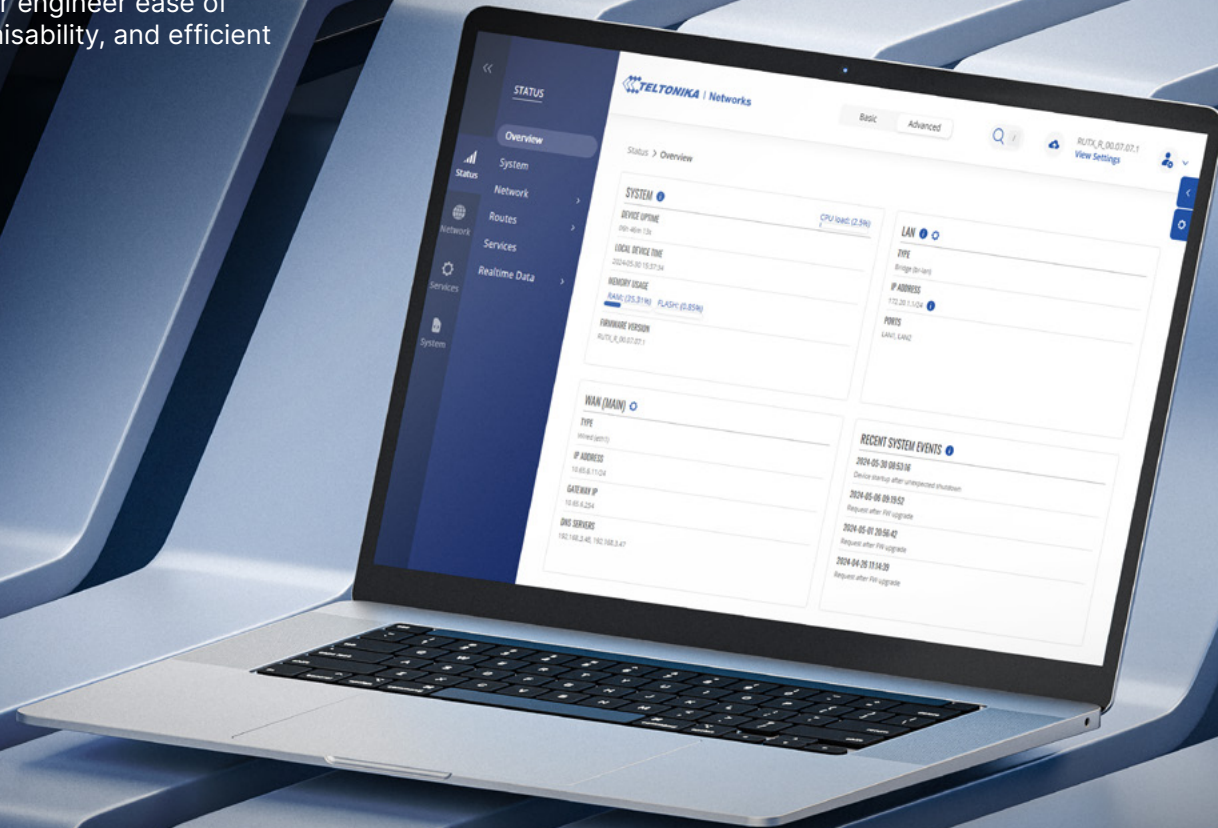
Assurance

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

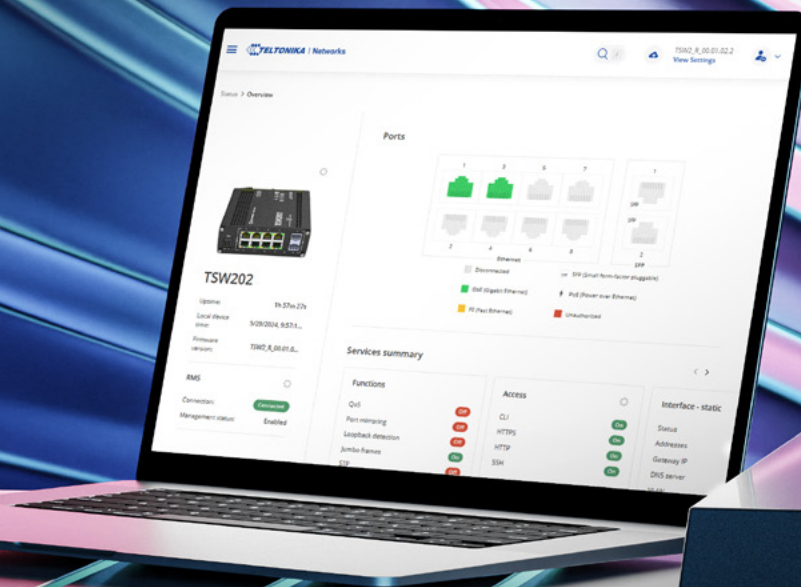
Time sync services	NTP (server, client), GNSS, Mobile operator
Other services	Data to server, I/O control, location services, WoL, network topology
Industrial protocols	MODBUS (supported connection types RTU (RS232, RS485), TCP, USB), BACnet, DNP3, M-Bus, OPC UA, DLMS
Communication & monitoring	JSON-RPC, 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

TSWOS

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
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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 eSIM™

Industrial Performer with
Seamless eSIM™ Connectivity



RUT241

Affordable Cat 4 all-star,
available globally



RUT260

LTE Cat6 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





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

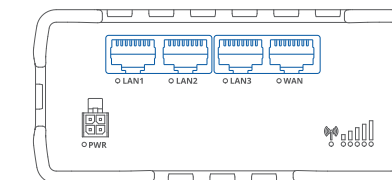
Industrial applications

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

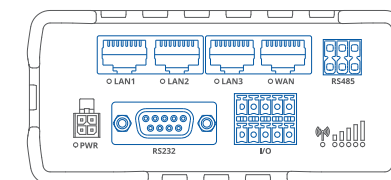
Remote monitoring & management

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 MULTITOO
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

RUTX09

Wired-only Cat 6 connectivity

RUTX10

Ethernet connectivity with Bluetooth and Dual-Band Wi-Fi

RUTX11

Cat 6 with Bluetooth and Dual-Band Wi-Fi

RUTX12

Dual Cat 6 modems with simultaneous connections

RUTX14

Cat 12 with up to 600 Mbps

RUTXR1

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

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





REDUCED CAPABILITY 5G ROUTERS

REDCAP SERIES

Higher Flexibility & Lower Cost

COMMON FEATURES

RedCap 5G

Low latency, high capacity, affordable pricing

Future-proofing

Backward compatible with 4G LTE Cat 4

Wi-Fi

Wireless access point with hotspot functionality

WAN failover

Automatic switching to available backup connection



RUT271

Compact & affordable 5G RedCap



RUT976

5G RedCap master of interfaces

IDEAL FOR

Private networks

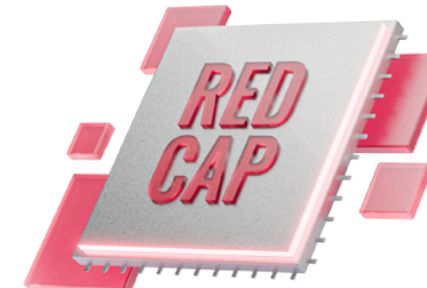
balancing costs, performance, and efficiency while retaining the advantages of 5G technology.

Industrial IoT applications

Enabling low-latency connections for industrial machines, sensors, and devices needing reliable communication with minimal data throughput.

Smart city

Optimised surveillance cameras, street lighting, parking sensors, traffic management systems, and other smart city applications.



ENTER A REDCAP 5G WORLD



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 12, 19, 20) and 3G



RUTX50

5G powerhouse for worldwide industrial applications



RUTM51

MVP of 5G Affordability



RUTM50

5G powerhouse for the North American market



RUTM54

5G powerhouse with a European Telit modem

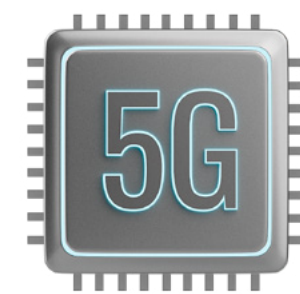
IDEAL FOR

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



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





RUTM52

Dual 5G modems for dual speeds

IDEAL FOR

First responders

Dual 5G connectivity ensures reliable, real-time communication and seamless operation of critical devices like body cameras, GPS systems, and medical equipment

Live streaming

Provides reliable, high-speed, and low latency 5G connectivity for uninterrupted broadcasts and stable performance in demanding network conditions

FEATURES

Dual 5G modems

Double the cellular speeds and always-on connection

Dual-SIM & eSIM™

With auto failover, backup WAN and other switching scenarios

SA & NSA

Supports both 5G architectures

Future-proofing

Backward compatible with 4G (Cat 20)



ENDLESS USE CASES

Explore the catalogue now!





OUTDOOR ROUTERS

OTD SERIES

Go outdoors & brave the elements

COMMON FEATURES

Outdoor router

IP55 durability for outdoor deployment

Dual-SIM

Auto failover and other switching scenarios

PoE

Streamlined powering options

Easy mounting

Integrated mounting bracket

OTD140

Outdoor 4G router

OTD500

Outdoor 5G router with eSIM

IDEAL FOR

Construction sites

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

Remote outdoor monitoring

Suitable for all kinds of remote outdoor projects monitoring solar panels, pipelines, offshore installations, and more

Rural & remote areas

Connectivity for farms, cabins, and rural businesses, ensuring seamless Internet access and device integration even in harsh outdoor conditions



CONNECTIVITY THAT BRAVES THE ELEMENTS



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

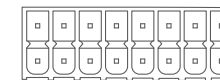
Two-way communication between smart meters and central systems for easy, real-time telemetry

Remote monitoring & management

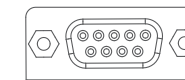
Reliable, 24/7 monitoring and management of equipment, infrastructure, and environmental conditions



TRB140
Ethernet



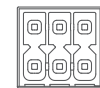
TRB141
I/O



TRB142
RS232



TRB143
M-Bus



TRB145
RS485

YOUR NEEDS, YOUR SOLUTION

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

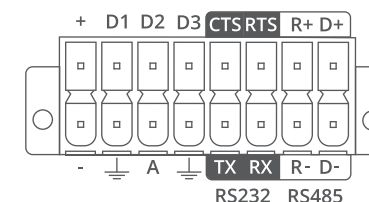
Reliable connectivity for real-time data collection and transmission to and from remote equipment

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

Gigabit network distribution

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

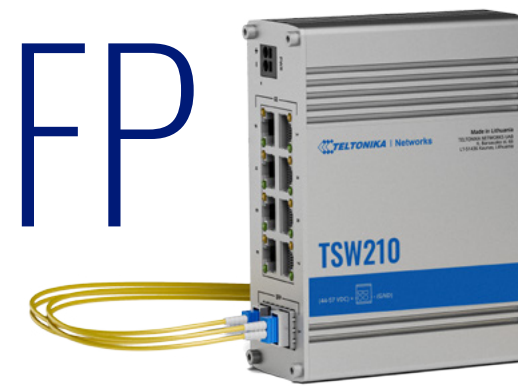
Smart agriculture

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

TswOS

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

TRM2 SERIES

Connectivity – simple as that.



TRM200

LTE Cat 4 backward compatible with 3G/2G



TRM240

LTE Cat 1, backward compatible with 3G/2G



TRM250

LTE Cat M1/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



TRM500

5G connectivity – simple as that.

FEATURES

5G

Ultra-high cellular speeds of up to 3.4 Gbps

Future-proofing

Backward compatible with 4G (Cat 19) and 3G

USB Type-C

For simultaneous network data and powering

Compact

Small size, easy installation



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



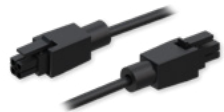
POWER SUPPLY, 62W
EU: PR3PWEU3 / AU: PR3PWAU3
US: PR3PWUS3 / UK: PR3PWUK3



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



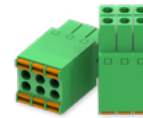
Wi-Fi SMA ANTENNA
Order code: PR1URF51



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



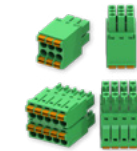
MOBILE SMA ANTENNA WITH 450 MHz
Order code: PR1US740



SMA CABLE EXTENSION
Order code: PR2VM20M



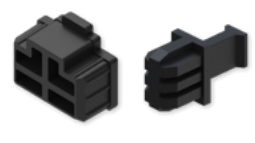
USB 2.0 TYPE-A TO MICRO USB TYPE-B CABLE
Order code: PR2US08M



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

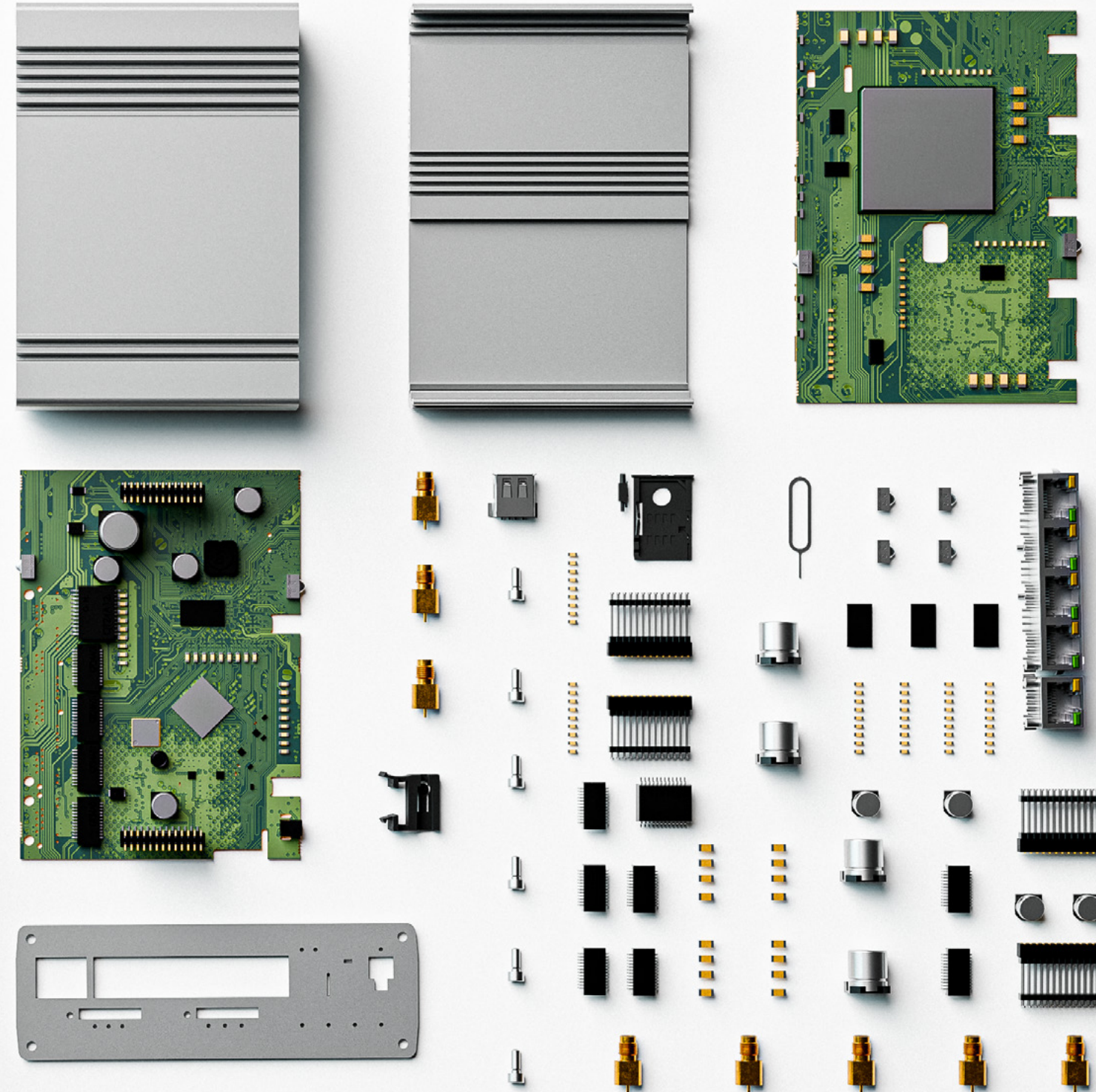
PRODUCT KEY FEATURES	ROUTERS	RUT140	RUT142	RUT200	RUT241	RUT241 eSIM	RUT260	RUT271	RUT301	RUT361	RUT901	RUT906	RUT951	RUT956	RUT976	RUTM08	RUTM09	RUTM10
5G								Redcap							Redcap			
4G/LTE				Cat 4	Cat 4	Cat 4	Cat 6	Cat4		Cat 6	Cat 4	Cat 4	Cat 4	Cat 4	Cat4		Cat 6	
2G/3G				2G/3G	2G/3G	2G/3G	3G			3G	2G/3G	2G/3G	2G/3G	2G/3G			3G	
CPU (MHz)		580	580	580	580	580	580	580	580	580	580	580	580	580	580	2×880	2×880	2×880
RAM (MB)		128	128	128	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	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	9-30	9-30	9-30	9-50	9-50	9-50
SIM card slots				1	1	1	1	1		1	2	2	2	2	2		2	
eSIM						•												
Ethernet ports		2	2	2	2	2	2	2	5	2	4	4	4	4	4	4	4	4
Ethernet speed (Mbps)		100	100	100	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	n	n	n	n	n			ac
GNSS												•		•	•		•	
I/Os				2	2	2	2	2	4	4	2	7	2	7	7	2	2	2
RS232			•									•		•	•			
RS485												•		•	•			
Bluetooth																		
USB									Host			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	RUTM51	RUTM52	RUTM54	RUTX50	RUTC50	OTD140	OTD500
5G									•	•	2×5G	•	•	•		•
4G/LTE	Cat 6		Cat 6		Cat 6	2xCat 6	Cat 12	Cat 6	Cat 19	Cat 12	Cat20	Cat19	Cat 20	Cat 20	Cat 4	Cat19
2G/3G	3G		3G		3G	3G	3G	3G		3G	3G	3G	3G		2G/3G	3G
CPU (MHz)	2×880	4×717	4×717	4×717	4×717	4×717	4×717	4×717	2×880	2×880	2×880	2×880	4×717	2×1300	580	2×880
RAM (MB)	256	256	256	256	256	256	256	256	256	256	256	256	256	512	128	256
Flash memory (MB)	256	256	256	256	256	256	256	256	256	256	256	256	256	512	16	256
Active PoE-out															802.3af	802.3af
Active PoE-in															•	•
Passive PoE-in	•	•	•	•	•	•	•		•	•	•	•	•	•		
Power voltage (VDC)	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	42.5-57	42.5-57
SIM card slots	2		2		2	2	2	2	2	2	2	2	2	2	2	2
eSIM											•	•				•
Ethernet ports	4	4	4	4	4	5	5	5	5	5	5	5	5	5	2	2
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	100	1000
Wi-Fi standard	ac			ac	ac	ac	ac	ac	ac	ac	ac	ac	ac	ax		
GNSS	•		•		•	•	•		•		•	•	•	•		
I/Os	2	2	2	2	2	2	2		2	2	2	2	2	2		
RS232																
RS485																
Bluetooth				•	•	•	•									
USB	Host	Host	Host	Host	Host	Host	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	TRB160	TRB246	TRB256	TRB500	TRM200	TRM240	TRM250	TRM500	TAP100	TAP200
5G									•				•		
4G/LTE	Cat 4	Cat 1	Cat 1	Cat 4	Cat 1	Cat 6	Cat 4	M1/NB	Cat 20	Cat4	Cat 1	M1/NB	Cat 19		
2G/3G	2G/3G	2G/3G	2G/3G	2G/3G	2G/3G	3G	2G/3G	NB2/EGPRS	3G	3G/2G	3G/2G	2G	3G		
CPU (MHz)	1200	1200	1200	1300	1200	1200	580	580	1500					580	2×880
RAM (MB)	128	128	128	256	128	128	128	128	256					64	256
Flash memory (MB)	512	512	512	512	512	256	16	16	512					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	5	9-30	44-57	44-57
SIM card slots	1	1	1	1	1	1	2	2	1	1	1	1	1		
Ethernet ports	1			1		1	1	1	1					1	1
Ethernet speed (Mbps)	1000			1000		1000	100	100	1000					100	1000
Wi-Fi standard														n	ac
GNSS							•	•							
I/Os	2	8	2	2	2	2	7	7	2						
RS232			•				•	•							
RS485					•		•	•							
Bluetooth															
USB	Client	Client	Client		Client	Power/Data			Client	Power/Data	Power/Data	Power/Data	Power/Data		
Integrated bracket														•	•
Grounding terminal															
RMS support	•	•	•	•	•	•	•	•	•					•	•
RutOS	•	•	•	•	•	•	•	•	•					•	•
M-Bus				•											

PRODUCT KEY FEATURES	ETHERNET SWITCHES	TSW010	TSW030	TSW040	TSW100	TSW101	TSW110	TSW114	TSW200	TSW202	TSW210	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 support									•		•		
TswOS									•		•				

Let's make your dream device a reality!





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