TELTONIKA | Networks

Overview

SECTRON

SECTRON is an official authorized partner to sell and instal TELTONIKA networking products designed to make your connectivity reliable, secure and quick to deploy. TELTONIKA products will help you build a solid IoT, M2M or enterprise networking infrastructure and advanced remote management capabilities will enable you to manage it with ease.

Portfolio Highlights

Teltonika Networks designed their product portfolio to help partners access opportunities within the rapidly growing IoT and Industrial IoT space. The portfolio consists of modems, gateways, routers, switches, and IoT platforms. Teltonika has grown to be one of the leaders of cellular IoT devices for industrial and professional applications. From automation, smart grid, to public transport connectivity – hundreds of thousands of Teltonika's networking products are currently at the heart of worldwide solutions.



RutOS

RutOS is an unified operating system based on OpenWRT used by all Teltonika-Networks devices. This system enables our customers to have an excellent user experience using Teltonika routers since all the devices are easy to use due to an intuitive interface. This system enables our clients to cut their cost on engineer training while implementing new devices. Moreover, it empowers to be flexible when migrating between different devices and platforms. Lastly, the system is open source, therefore, every client can change and adopt RutOS in order to get the most out of each and every Teltonika-Networks device.

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

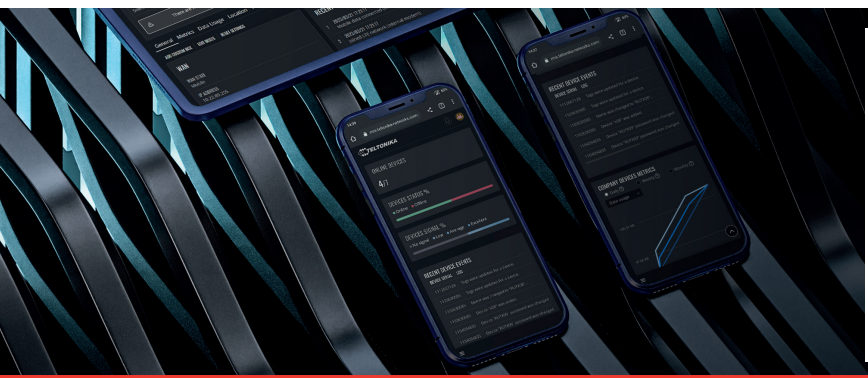
TswOS

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



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Product Catalogue

Gateways

Products key features	NTP001	TRB140	TRB141	TRB142	TRB143	TRB145	TRB160	TRB246	TRB247	TRB256	TRB500	TRB501
5G											•	•
4G/LTE		Cat 4	Cat 1	Cat 1	Cat 4	Cat 1	Cat 6	Cat 4	Cat 1 bis	M1/NB	Cat 20	Cat 19
2G/3G		2G/3G	2G/3G	2G/3G	2G/3G	2G/3G	3G	2G/3G		NB2/ EGPRS	3G	3G
CPU (MHz)	580	1200	1200	1200	1300	1200	1200	580	580	580	1500	1500
RAM (MB)	128	128	128	128	256	128	128	128	128	128	256	512
Flash memory (MB)	16	512	512	512	512	512	256	16	16	16	512	512
Active PoE-out												
Active PoE-in												
Passive PoE-in		•			•		•					•
Power voltage (VDC)	9-30	9-30	9-30	9-30	12-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30
SIM card slots		1	1	1	1	1	1	2	2	2	1	1
eSIM									•*		•*	
Ethernet ports	1	1			1		1	1	1	1	1	1
Ethernet speed (Mbps)	100	1000			1000		1000	100	100	100	1000	2500
Wi-Fi standard												
GNSS	•							•	•	•		
I/Os	7	2	8	2	2	2	2	7	7	7	2	2
RS232	•			•				•	•	•		
RS485	•					•		•	•	•		
Bluetooth		Client	Client	Client		Client	Power/ Data				Client	?
USB												
Integrated bracket												
Grounding terminal												
RMS support		•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•
M-Bus					•							

*Depends on the order code.

Modems, Access points & Embedded Solutions

Products key features	TRM142	TRM200	TRM240	TRM250	TRM500	TAP100	TAP200	DAP140	DAP142	DAP145	CALYX	CALYX	CALYX 5G REDCAP
5G					•							•	Redcap
4G/LTE	Cat 4	Cat 4	Cat 1	M1/NB	Cat 19						Cat 4	Cat 19	Cat 4
2G/3G		3G/2G	3G/2G	2G	3G						3G/2G	3G	
CPU (MHz)						580	2x880	580	580	580			
RAM (MB)						64	256	128	128	128			
Flash memory (MB)						16	16	16	16	16			
Active PoE-out													
Active PoE-in						•	•						
Passive PoE-in								•	•	•			
Power voltage (VDC)	9-30	5	5	5	9-30	44-57	44-57	9-30	9-30	9-30	5	5	5
SIM card slots	1	1	1	1	1								1
Ethernet ports						1	1	2	2	2			
Ethernet speed (Mbps)						100	1000	100	100	100			
Wi-Fi standard						n	ac	n	n	n			
GNSS													
I/Os													
RS232									•				
RS485										•			
Bluetooth													
USB	Power/ Data	Power/ Data	Power/ Data	Power/ Data	Power/ Data						Power/ Data	Power/ Data	Power/ Data
Integrated bracket						•	•	•	•	•			
Grounding terminal								•	•	•			
RMS support						•	•	•	•	•			
RutOS						•	•	•	•	•			
M-Bus													

Routers comparison

Products key features	RUT140	RUT142	RUT145	RUT200	RUT206	RUT241 eSIM	RUT260	RUT271	RUT276	RUT301	RUT361	RUT901	RUT906	RUT951	RUT951 PoE+	RUTM30
5G								RedCap	RedCap							•
4G/LTE category				Cat4	Cat4	Cat4	Cat6	Cat4	Cat4		Cat6	Cat4	Cat4	Cat4	Cat4	Cat 19
2G/3G				2G/3G	3G/2G	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	580	2x880
RAM (MB)	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	256
Flash memory (MB)	16	16	16	16	32	16	16	16	32	16	16	16	16	16	16	256
Active PoE-out															802.3 af/at	
Active PoE-in					•				•						802.3 af/at	
Passive PoE-in	•	•	•	•	•	•	•	•	•			•	•	•		•
Power voltage (VDC)	9-30	9-30	9-30	9-30	9-57	9-30	9-30	9-30	9-57	9-30	9-30	9-30	9-30	9-30	9-57	9-50
SIM card slots				1	2	1	1	1	2		1	2	2	2	2	2
eSIM						•		•*						•	•	•
Ethernet ports	2	2	2	2	2	2	2	2	2	5	2	4	4	4	4	2
Ethernet speed (Mbps)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1000
Wi-Fi standard	n	n	n	n	n	n	n	n	n		n	n	n	n	n	ac
GNSS													•			
I/Os				2		2	2	2		2	2	2	7	2		2
RS232		•			•				•				•			
RS485			•		•				•				•			
Bluetooth																
USB										Host			Host			Host
Integrated bracket	•	•	•													
Grounding terminal	•	•	•													•
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

	RUTM31	RUTM50	RUTM51	RUTM52	RUTM54	RUTM55	RUTM56	RUTM59	RUTX50	RUTC50	ATRM50	OTD140	OTD144	OTD500	RUT956	RUT976
5G	•	•	•	2X5G	•	•	•	•	•	•	•			•		RedCap
4G/LTE category	Cat 12	Cat 19	Cat 12	Cat 20	Cat 19	Cat 19	Cat4/ Cat19	Cat 19	Cat 20	Cat 19	Cat 19	Cat 4	Cat 4	Cat 19	Cat 4	
2G/3G	3G		3G	3G	3G		2G/3G		3G	3G		2G/3G	2G/3G	3G	2G/3G	
CPU (MHz)*	2x880	2x880	2x880	2x880	2x880	880	2x880	2x880	4x717	2x1300	880	580	580	2x880	580	580
RAM (MB)	256	256	256	256	256	256	256	256	256	1024	256	128	64	256	128	128
Flash memory (MB)	256	256	256	256	256	256	256	256	256	8192	256	16	16	256	16	32
Active PoE-out												802.3 af	802.3 af	802.3 af		
Active PoE-in												802.3 af/at	802.3 af/at	802.3 af/at		
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	42.5-57	42.5-57	42.5-57	8-30	9-30
SIM card slots	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
eSIM	•*	•*	•*	•	•	•	•	•*	•	•	•	•*		•	•	•*
Ethernet ports	2	5	5	5	5	5	5	5	5	5	4	2	2	2	4	4
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	100	100	1000	100	100
Wi-Fi standard	ac	ac	ac	ac	ac	ac	ac		ac	ax	ac		n		n	n
GNSS		•		•	•	•	•	•	•	•	•				•	•
I/Os	2	2	2	2	2	5	2	2	2	2	2				7	7
RS232						•									•	•
RS485						•									•	•
Bluetooth																
USB	Host	Host	Host		Host	Host		Host	Host	Host	Host				Host	Host
Integrated bracket																
Grounding terminal	•	•	•	•	•	•	•	•	•	•	•					
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

*Depends on the order code.

Ethernet Switches

Products key features	TSW010	TSW030	TSWD40	TSW100	TSW101	TSW110	TSW114	TSW200	TSW202	TSW210	TSW212	TSW304	TSF010	SWM282	SWM280	SWM281
Managed									•							
MRP									•							
STP/RSTP									•							
Profinet									•							
EtherNet/IP QoS									•							
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					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	100-240 VAC	100-240 VAC	100-240 VAC
Ethernet ports	5	8	8	5	5	5	5	8	8	8	8	4	5	24	24	24
SFP ports								2	2	2	2			4	4	4
Ethernet speed (Mbps)	100	100	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	100	1000	1000	1000
Integrated bracket	•	•	•				•	•	•	•	•	•	•			
Grounding terminal		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RMS support									•		•			•	•	•
TswOS									•		•			•	•	•

Routers comparison

Products key features	RUTM08	RUTM09	RUTM10	RUTM11	RUTX08	RUTX09	RUTX10	RUTX11	RUTX12	RUTX14	RUTXR1
5G											
4G/LTE category		Cat 6		Cat 6		Cat 6		Cat 6	2xCat 6	Cat 12	Cat 6
2G/3G		3G		3G		3G		3G	3G	3G	3G
CPU (MHz)*	2x880	2x880	2x880	2x880	4x717	4x717	4x717	4x717	4x717	4x717	4x717
RAM (MB)	256	256	256	256	256	256	256	256	256	256	256
Flash memory (MB)	256	256	256	256	256	256	256	256	256	256	256
Active PoE-out											
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	8-50	9-50	9-50
SIM card slots		2		2		2		2	2	2	2
eSIM				•		•*					
Ethernet ports	4	4	4	4	4	4	4	4	5	5	5
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Wi-Fi standard			ac	ac			ac	ac	ac	ac	ac
GNSS		•		•		•		•	•	•	
I/Os	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
Integrated bracket											
Grounding terminal	•	•	•	•	•	•	•	•	•	•	•
RMS support	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•

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