

technology	TRB140	TRB142	TRB255
4G (LTE)	Cat 4	Cat 1	Cat-M1/ NB-IoT
3G	✓	✓	-
2G	✓	✓	✓
GNSS	-	-	✓
Ethernet	10/100/1000	-	10/100
SMS	✓	✓	✓
hardware			
RAM	128 MBytes	128 MBytes	64 MBytes
Flash memory	512 MBytes	512 MBytes	16 MBytes
Ethernet ports	1	-	1
Inputs/Outputs	2	2	3
Passive PoE	✓	-	-
RS232	-	✓	✓
RS485	-	-	✓
Power LED	-	-	✓
I/O Connector	-	-	Terminal block
USB	✓(Slave mode)	✓(Slave mode)	-
Mobile antenna	1x SMA	1x SMA	1x SMA
SIM card slots	1x 2FF	1x 2FF	2x 2FF
Power consumption	< 0.5W idle, < 3W Max	< 0.5W idle, < 3W Max	-
Operating Temperature	-	-	-40 °C to 75 °C
Mounting options	DIN Rail	DIN Rail	DIN Rail, Surface
Housing material	Aluminium	Aluminium	Aluminium
CPU	1.2 GHz	1.2 GHz	Qualcomm QCA9531, MIPS 24kc, 650 MHz
Power socket	4 pin	4 pin	2 pins on 16 pin terminal connector
Supply voltage	9 - 30 VDC	9 - 30 VDC	9 - 30 VDC
GPS Antenna	-	-	1x SMA
Inputs	up to 2	up to 2	up to 3

Outputs	up to 2	up to 2	up to 3
Dimensions, H x W x D (mm)	60 mm x 70 mm x 18 mm	60 mm x 70 mm x 18 mm	83 x 25 x 74
firmware			
Modbus TCP	✓	✓	✓
Modbus Gateway	-	✓	✓
NTRIP client	-	✓	✓
Input events	✓	✓	Planned
Manual Band Lock	Planned	Planned	Planned
Wake on LAN (WOL)	Planned	-	Planned
Management via SMS	✓	✓	Planned
Bridge mode	Planned	Planned	Planned
Manual operator selection	Planned	Planned	Planned
Static routes	✓	✓	✓
NTP	Client	Client	✓
Ping reboot	✓	✓	✓
Periodic reboot	✓	✓	✓
Mobile Traffic Counter	Planned	Planned	✓
Connection status overview bar	✓	✓	✓
Configuration backup/restore	✓	✓	✓
IPsec	✓	✓	✓
GRE Tunnel	✓	✓	✓
OpenVPN	✓	✓	✓
PPTP	✓	✓	✓
L2TP	✓	✓	✓
SNMP	Planned	Planned	✓
SNMP Trap	Planned	Planned	Planned
Send/receive SMS	✓	✓	✓
Mobile Data Limit	Planned	Planned	✓
Configuration Profiles	✓	✓	✓
Profile scheduler	✓	✓	Planned

Event logging	Planned	Planned	Planned
Call Utilities	✓	✓	✓
FOTA (Firmware Over The Air)	✓	✓	✓
Event reporting (via Email/SMS)	Planned	Planned	✓
Disable Roaming	✓	✓	✓
Access control safety	✓	✓	✓
CLI	✓	✓	Planned
Firewall	✓	✓	Planned
IP/MAC filter	✓	✓	✓
TR-069	Planned	Planned	Planned
Mosquitto (MQTT)	Broker/Publisher	Broker/Publisher	Planned
DHCP server	✓	✓	✓
Dynamic DNS	✓	✓	✓
RMS support	✓	✓	✓