



 **SILBO Networks**
PRODUCT CATALOG 2023

ABOUT INVENDIS

Invendis Technologies is a global leader in providing IIoT hardware and software solutions in the Telecom Infrastructure space for the past 15 years.

We are a rapidly growing technology company, manufacturing professional network connectivity equipment for Global markets. Through long-term experience and research and development of industrial network devices for IoT and M2M communication, we have developed a wide portfolio of products for the most complex areas, such as Industry 4.0, Smart City, and Green Energy.

With the launch of new “**SILBO**” solutions, Invendis is geared up to upgrade and enhance its communication solutions like 4G/5G enabled routers, gateways, protocol converters etc. to ensure seamless connectivity with Designed and Manufactured-in-India solutions.

Invendis products can be used across various market segments like Telecom tower monitoring, Energy Monitoring, ATM security and surveillance, Water Flow monitoring, Water quality monitoring, e-lockers, Delivery hubs / building / Factory automation, Retail, Banks etc. These products are based on powerful CPU's running Linux along with various networking functions. They are highly integrated in terms of interfacing to various wired and wireless sensors, audio and video inputs from IP cameras and have in-built LAN / Wi-Fi, 2G / 3G / LTE / 5G cellular interfaces supporting SDWAN, multiple protocols for back end / control centre connectivity. Invendis provides support for customized application development on these products to enable system integrators / solution providers to realize M2M solutions across various industry verticals.

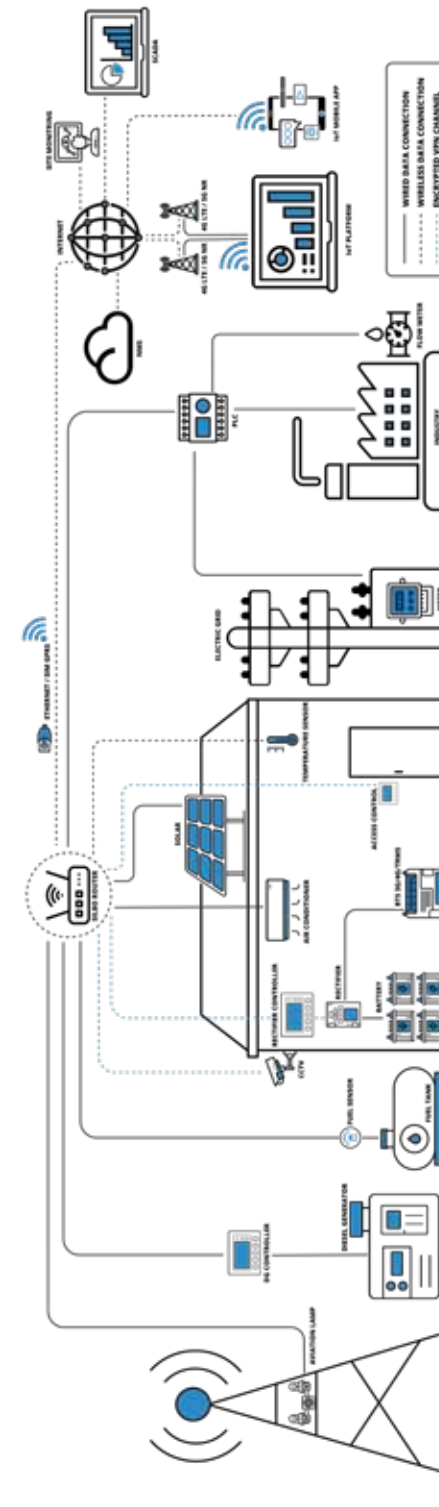
Invendis
Invent, Discover.

Made in **India**
Made for **World**



SILBO
An Invendis Product

STAY CONNECTED





RB44

PROCESSOR

MT7628, 128MB DDR, 32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM, External antennas(3-9dBi)

Wi-Fi

2.4GHz, 300Mbps AP/Station, External 5dBi antennas

ETHERNET

Five 10/100 ports (Configurable as LAN/WAN)

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration, Supports Multiwan with Failover, Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network management service for remote management and configuration

POWER

10-30V DC Input

HARDWARE

CPU	Mediatek MIPS 24Kc 580 MHz
Storage	32 MB Flash
Memory	128 MB RAM
Powering option	DC Jack, 10-30 VDC
Cellular	4G/LTE (Cat 4), 3G, 2G
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 2 x RP-SMA for WiFi
Ethernet	2 x 10/100 Ethernet ports (Configurable as LAN/WAN), 3 X 10/100 LAN Ethernet ports
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
Status LEDs	2 X Cellular, 5 X Ethernet, 1 X Wifi (System), 1 X Power
Operating temperature	- 20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	138 X 26 X 111mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority and data limit based SIM switching
Network	MultiWAN (Cellular, wired, WiFi) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RC44

PROCESSOR

Mediatek MT7628
128MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External 5dBi antennas

Wi-Fi

2.4GHz, 300Mbps AP/Station,
External 5dBi antennas

ETHERNET

Three 10/100 ports

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input

HARDWARE

CPU	Mediatek MIPS 24Kc 580 MHz
Storage	32 MB Flash
Memory	128 MB RAM
Powering option	DC Jack, 12 VDC
Cellular	4G/LTE (Cat 4), 3G, 2G
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 2 x RP-SMA for WiFi
Ethernet	2 x 10/100 LAN Ethernet ports, 1 X 10/100 WAN Ethernet port
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
Status LEDs	5 X Cellular, 3 X Ethernet, 1 X Wifi (System), 1 X Power
Operating temperature	0 to 60 °C
Housing	Plastic Enclosure
Dimensions (W x H x D)	210 X 32 X 145mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority and data limit based SIM switching
Network	MultiWAN (Cellular, wired, WiFi) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RC44-M

PROCESSOR

Mediatek MT7628
128MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External 3-9dBi antennas

Wi-Fi

2.4GHz, 300Mbps AP/Station,
External 5dBi antennas

ETHERNET

Three 10/100 ports

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input

HARDWARE

CPU	Mediatek MIPS 24Kc 580 MHz
Storage	32 MB Flash
Memory	128 MB RAM
Powering option	DC Jack, 12 VDC
Cellular	4G/LTE (Cat 4), 3G, 2G
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 2 x RP-SMA for WiFi
Ethernet	2 x 10/100 LAN Ethernet ports, 1 X 10/100 WAN Ethernet port
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
Status LEDs	5 X Cellular, 3 X Ethernet, 1 X Wifi (System), 1 X Power
Operating temperature	-20 to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	128 X 26 X 113mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority and data limit based SIM switching
Network	MultiWAN (Cellular, wired, WiFi) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RF44

PROCESSOR

Mediatek MT7628
64MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Single SIM,
Internal 3dBi antennas

Wi-Fi

2.4GHz, 300Mbps AP/Station,
Internal 3dBi antennas

ETHERNET

One 10/100 port
(Configurable as LAN/WAN)

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

POWER

5V DC Input

HARDWARE

CPU	Mediatek MIPS 24Kc 580 MHz
Storage	32 MB Flash
Memory	64 MB RAM
Powering option	DC Jack, 5V DC
Cellular	4G/LTE (Cat 4), 3G, 2G
SIM	1 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 2 x RP-SMA for WiFi, Internal antennas
Ethernet	1x 10/100 LAN Ethernet port (Configurable as LAN/WAN)
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
Status LEDs	2 X Cellular, 1 X Ethernet, 1 X Wifi (System), 1 X Power
Operating temperature	0 to 60 °C
Housing	Plastic
Dimensions (W x H x D)	76 X 27 X 76mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock
Network	MultiWAN (Cellular, wired, WiFi) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, Ipsec
Monitoring and Management	WEB UI, SSH, SMS
Connection monitoring	Ping Reboot, Periodic Reboot
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RI44

PROCESSOR

Qualcomm QCA4531
128MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External antennas(3-9dBi)

Wi-Fi

2.4GHz, 300Mbps AP/Station,
External 5dBi antennas

ETHERNET

Five 10/100 ports
(Configurable as LAN/WAN)

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

INTERFACES

Isolated 2 X RS485, 2X RS232
Modbus Serial, Modbus TCP/IP
device data store /aggrgation and
send over MQTT Application

POWER

-48V DC Input

HARDWARE

CPU	Qualcomm MIPS 24Kc 650 MHz, QCA4531
Storage	32 MB Flash
Memory	128 MB RAM
Powering option	Terminal Block, -48V DC
Cellular	4G/LTE (Cat 4), 3G, 2G
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 2 x RP-SMA for WiFi
Ethernet	2 x 10/100 Ethernet ports (Configurable as LAN/WAN), 3 X 10/100 LAN Ethernet ports
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
RS485	2 X RS485 Isolated Ports
RS232	2 X RS232 Isolated Ports
Status LEDs	2 x Cellular, 5 x Ethernet, 1 x Power, 1 x programable, 4 x RS485, 4 x RS232
Operating temperature	-30 °C to 75 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	282 X 34 X 124mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority and data limit based SIM switching
Network	MultiWAN (Cellular, wired, WiFi) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, Ipsec
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off
Custom application	Modbus Serial, Modbus TCP/IP device data store /aggrgation and send over MQTT



RK54

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

DUAL LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External antennas(3-9dBi)

DUAL BAND Wi-Fi 5

2.4GHz, 300Mbps,5GHz 867Mbps
AP, External 5dBi antennas

ETHERNET

Five 10/100/1000 ports
(Configurable as LAN/WAN)

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input, Optional PoE PD, Optional
Battery backup with Gauge

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC, PD PoE (Optional), Battery Backup with Gauge (Optional)
Cellular	2 X 4G/LTE (Cat 4), 3G, 2G on M.2 Slots, 5G ready, also option available for CAT6/CAT12 LTE
SIM	4 x Nano SIM
Antenna connectors	4 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 Ethernet ports (Configurable as LAN/WAN), 3 X 10/100/1000 LAN Ethernet ports
WiFi	IEEE 802.11b/g/n/ac, Dual band (2.4GHz, 5GHz) Wifi 5, Access point (AP)
Status LEDs	12 X Cellular, 5 X Ethernet, 2 X Wifi , 1 X Power, 2 X Battery
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	212 X 30 X 152mm 282 X 35 X 152mm (with battery)

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
Network	MultiWAN (Cellular, wired) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RK65

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

DUAL 5G NR AND LTE CONNECTIVITY

5G NR with Dual SIM and LTE module with Dual SIM, 3-9dBi antennas

DUAL BAND Wi-Fi 6

2.4GHz, 300Mbps,5GHz 1201Mbps AP, External 5dBi antennas

ETHERNET

Five 10/100/1000 ports (Configurable as LAN/WAN)

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration, Supports Multiwan with Failover, Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network management service for remote management and configuration

POWER

12V DC Input, Optional PoE PD, Optional Battery backup with Gauge

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC, PD PoE (Optional), Battery Backup with Gauge (Optional)
Cellular	1X 4G/LTE (Cat 4), 3G, 2G on M.2 Slot, 1 X 5G NR (SA and NSA) , also option available for CAT6/CAT12 LTE
SIM	4 x Nano SIM
Antenna connectors	4 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 Ethernet ports (Configurable as LAN/WAN), 3 X 10/100/1000 LAN Ethernet ports
WiFi	IEEE 802.11b/g/n/ac/ax, Dual band (2.4GHz, 5GHz) Wifi 6, Access point (AP)
Status LEDs	12 X Cellular, 5 X Ethernet, 2 X Wifi , 1 X Power, 2 X Battery
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	212 X 30 X 152mm 282 X 35 X 152mm (with battery)

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
Network	MultiWAN (Cellular, wired) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RM60

PROCESSOR

Mediatek MT7621
256MB DDR,128MB Flash

ETHERNET

Four 10/100/1000 ports
3 LAN,1WAN

DUAL BAND Wi-Fi 6

2.4GHz, 300Mbps,5GHz 1201Mbps
AP, External 5dBi antennas

ROUTER FEATURES

Dynamic IP/Static IP/PPPoE
SPI Firewall, IP and MAC Address Binding
Port Forward, Traffic rules,custom rules
Static routes, Routing rules
Wifi Mesh, access point

OPERATING SYSTEM

Linux

POWER

12V DC Input

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	128 MB Flash
Memory	256 MB RAM
Powering option	DC Jack, 12V VDC
Antenna connectors	4 x RP-SMA for WiFi
Ethernet	1 x 10/100/1000 WAN Ethernet ports, 3 X 10/100/1000 LAN Ethernet ports
WiFi	IEEE 802.11b/g/n/ac/ax, Dual band (2.4GHz, 5GHz) Wifi 6, Access point (AP)
Status LEDs	RGB LED Multi Mode
Operating temperature	0 °C to 50 °C
Housing	Plastic
Dimensions (W x H x D)	200 x 38 X 125mm

SOFTWARE

Operating system	Linux
WAN Connection Type	Dynamic IP/Static IP/PPPoE
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
Wifi 6	Wifi Mesh, access point

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC
Cellular	1 X 4G/LTE (Cat 4), 3G, 2G on M.2 Slot, 5G ready, also option available for CAT6/CAT12 LTE
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 LAN Ethernet ports with PoE PSE supporting class 0, 802.3af, 44V-57V, 15W
WiFi	IEEE 802.11b/g/n/ac, Dual band (2.4GHz, 5GHz) Wifi 5, Access point (AP)
Status LEDs	4 X Cellular, 2 X Ethernet, 2 X Wifi , 1 X Power
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	224 X 30 X 106mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
LAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RQ54

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External antennas(3-9dBi)

DUAL BAND Wi-Fi 5

2.4GHz, 300Mbps,5GHz 867Mbps
AP, External 5dBi antennas

ETHERNET

Two 10/100/1000 ports
with PoE PSE supporting
class 0, 802.3af, 44V-57V, 15W

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPsec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input



RQ65

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

5G NR CONNECTIVITY

5G NR with Dual SIM, 3-9dBi antennas

DUAL BAND Wi-Fi 6

2.4GHz, 300Mbps,5GHz 1201Mbps
AP, External 5dBi antennas

ETHERNET

Two 10/100/1000 ports
with PoE PSE supporting
class 0, 802.3af, 44V-57V, 15W

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPsec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC
Cellular	1 X 5G NR (SA and NSA)
SIM	2 x Nano SIM
Antenna connectors	4 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 LAN Ethernet ports with PoE PSE supporting class 0, 802.3af, 44V-57V, 15W
WiFi	IEEE 802.11b/g/n/ac/ax, Dual band (2.4GHz, 5GHz) Wifi 6, Access point (AP)
Status LEDs	4 X Cellular, 2 X Ethernet, 2 X Wifi , 1 X Power
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	224 X 30 X 106mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
LAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RS54

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

LTE CONNECTIVITY

4G/3G/2G with Dual SIM,
External antennas(3-9dBi)

DUAL BAND Wi-Fi 5

2.4GHz, 300Mbps,5GHz 867Mbps
AP, External 5dBi antennas

ETHERNET

Two 10/100/1000 ports

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPsec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC
Cellular	1 X 4G/LTE (Cat 4), 3G, 2G on M.2 Slot, 5G ready, also option available for CAT6/CAT12 LTE
SIM	2 x Nano SIM
Antenna connectors	2 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 LAN Ethernet ports (Configurable as LAN/WAN)
WiFi	IEEE 802.11b/g/n/ac, Dual band (2.4GHz, 5GHz) Wifi 5, Access point (AP)
Status LEDs	4 X Cellular, 2 X Ethernet, 2 X Wifi , 1 X Power
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	122 X 30 X 120mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
Network	MultiWAN (Cellular, wired) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.



RS65

PROCESSOR

Mediatek MT7621
512MB DDR,32MB Flash

5G NR CONNECTIVITY

5G NR with Dual SIM, 3-9dBi antennas

DUAL BAND Wi-Fi 6

2.4GHz, 300Mbps,5GHz 1201Mbps
AP, External 5dBi antennas

ETHERNET

Two 10/100/1000 ports

OPERATING SYSTEM

OpenWRT Linux

ROUTER FEATURES

WebUI for easy configuration,
Supports Multiwan with Failover,
Data based SIM switching etc.

NMS/VPN

OpenVPN, IPSec, etc. Custom network
management service for remote
management and configuration

POWER

12V DC Input

HARDWARE

CPU	Mediatek 880 MHz MIPS 1004KEc, dual-core CPU
Storage	32 MB Flash
Memory	512 MB RAM
Powering option	DC Jack, 12V VDC
Cellular	1 X 5G NR (SA and NSA)
SIM	2 x Nano SIM
Antenna connectors	4 x SMA for Cellular, 4 x RP-SMA for WiFi
Ethernet	2 x 10/100/1000 LAN Ethernet ports (Configurable as LAN/WAN)
WiFi	IEEE 802.11b/g/n/ac/ax, Dual band (2.4GHz, 5GHz) Wifi 6, Access point (AP)
Status LEDs	4 X Cellular, 2 X Ethernet, 2 X Wifi , 1 X Power
Operating temperature	-20 °C to 65 °C
Housing	Sheet Metal housing with DIN rail mounting option
Dimensions (W x H x D)	122 X 30 X 120mm

SOFTWARE

Operating system	OpenWRT Linux
Cellular features	Auto APN, Band lock, Priority based SIM switching
Network	MultiWAN (Cellular, wired) automatic Failover based on Priority
WAN Connection Type	Dynamic IP/Static IP
Firewall	SPI Firewall, IP and MAC Address Binding, Port Forward, Traffic rules,custom rules
Routing	Static routes, Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, SSH, SMS, NMS
Connection monitoring	Ping Reboot, Periodic Reboot
Cloud solutions	Customized NMS
SMS features	SMS status, SMS device on/off

* Also, available with vanilla OpenWRT Linux if customer wants to port his software.

Invendis

Invent, Discover.



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No. 230, 1st Cross, 38th Main,
BOOHBCS Layout, BTM 2nd Stage,
Bangalore – 560 068



SCAN FOR
MORE DETAILS



118,000+
Telecom Towers



30,000+
Routers



15+
Global
MNO/Tower CO



26+
Countries



500,000+
Connected Assets



20,000+
Enterprise Users

