

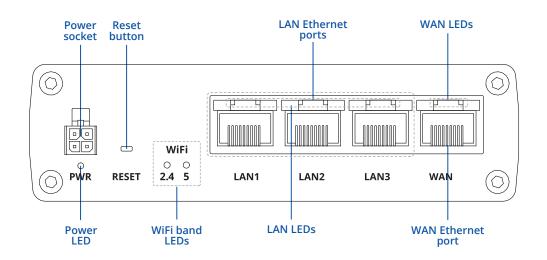




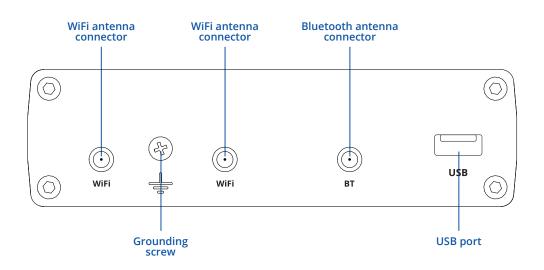


### HARDWARE

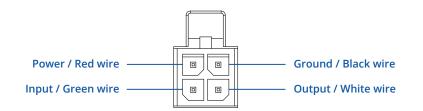
#### **FRONT VIEW**



**BACK VIEW** 



#### **POWER SOCKET PINOUT**





# **FEATURES**

#### ETHERNET

Writeries         Access Pair (AP), Station (STA)           WiFi security         WPA3-EAP, WPA3-EAF, WPA2-Enterprise-PEAP, WPA2-PSK, WEP; AES-CCMP, TKP, Auto Cipher modes, client separation           ESID         ESID (SD) Statish mode           WiFi security         up to 150 simultaneous connections           WiFi sers         up to 150 simultaneous connections           Bluetooth         Captive portal (Hotspot), internal/external Radius server, built in customizable landing page           BLUETOOTH         Bluetooth low energy (LE) for short range communication           NETWORK         Routing         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         CTC, UDP, IPv4, IPv5, CMP, NTP, DNS, HTTP, HTTP, STTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, EUPNP, SSH, DHCP, Telenc client, SNMP, MGT, Wake on LAN (WOLD, DUNA           VolP passibirough support         H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rules, custom rules           OD/CP         Static and dynamic IP allocation, DHCP Relay, Relayd           Q05 / Smart Queue         Traffic priority queue by source/destination, service, protocol or port, WMM, 802.11e           DNS         Supported -25 service providers, SLOP centificates           SHFS	ETHERNET		
UN         crossover           WIRELESS           Bluetooth Low energy (LE) for short range communication           NETWORK           Routing Papenon Data Mark Macon LAN (WOR) DAL (LEAR, NTP, NTP, STE	WAN		
B02.11 b/g/r/ac Wave 2 (WF; 5) with data transmission rates up to 867 Mbps (Dual Band, ML-MIMO), 802.11r (fast transloom, Access Point (AP), Station (STA)           WiFeless mode         WP3-SAP, WPA2-Enterprise-PEAP, WPA2-PSK, WEP; AES-CCMP, TKIP, Auto Cipher modes, client separation           ESSID         ESSID stealth mode           WIF Exers         up to 150 simultaneous connections           Wireless Hotspot         Captive portal (Hotspot), internal/external Radius server, built in customizable landing page           BLUETOOTH         Bluetooth low energy (LE) for short range communication           NETWORK         Routing           Static routing: Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         TCP, UDP, IPA4, IPA6, CMP, NTP, DNS, HTP; HTPS, STP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PEPPE, UPNP, SSH, DHCP, Tellec client, SNRP, MOTT, Wake on LAN (WOL), DLNA           VaIP passthrough support         H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wger relator, Deriodic Reboot, LCP and LCP for link inspection           Frewall         Port forwards, traffic rules, custom rules           DFCP         Static and dynamic IP allocation, DHCP Relay, Relayd           OS / Smart Ouce         Traffic priority queuing by source/destination, service, protocol or port. WMM, 802.11e           DDNS         Supported -25 service providers, others can be conblexed as an automatic Failover <td>LAN</td> <td></td>	LAN		
Writeries         Access Pair (AP), Station (STA)           WiFi security         WPA3-EAP, WPA3-EAF, WPA2-Enterprise-PEAP, WPA2-PSK, WEP; AES-CCMP, TKP, Auto Cipher modes, client separation           ESID         ESID (SD) Statish mode           WiFi security         up to 150 simultaneous connections           WiFi sers         up to 150 simultaneous connections           Bluetooth         Captive portal (Hotspot), internal/external Radius server, built in customizable landing page           BLUETOOTH         Bluetooth low energy (LE) for short range communication           NETWORK         Routing         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         CTC, UDP, IPv4, IPv5, CMP, NTP, DNS, HTTP, HTTP, STTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, EUPNP, SSH, DHCP, Telenc client, SNMP, MGT, Wake on LAN (WOLD, DUNA           VolP passibirough support         H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rules, custom rules           OD/CP         Static and dynamic IP allocation, DHCP Relay, Relayd           Q05 / Smart Queue         Traffic priority queue by source/destination, service, protocol or port, WMM, 802.11e           DNS         Supported -25 service providers, SLOP centificates           SHFS	WIRELESS		
ESSID       ESSID stealth mode         WiFi users       up to 150 simultaneous connections         Wireless Hotspot       Captive portal (Hotspot), Internal/external Radius server, built in custamizable landing page         BLUETOOTH       Bluetooth Iow energy (ILE) for short range communication         NETWORK       Routing       Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)         Network protocols       CTCP, UDP, IPv4, IPv6, CMC, UMS en LAN, WOLD, DUNA         VOIP passtbrough support       H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets         Connection monitoring       Ping Reboot, Wget reboot, Peroidic Reboot, LCP and ICMP for link inspection         Firewall       Port forwards, traffic rules, custom rules         DFCP       Static and dynamic IP allocation, DFCP Relay, Relayd         Qop / Samar Queue       Viraffic priority queuing by source/destination, service, protocol or port, WIAM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VIRAP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURTY       Authentice Blackies for blocking out unwanted websites, whitelist for specifying allowed sites only         VLAN       Pre-configured frewall rules can be enabled via WebUI, unlimited firewall c	Wireless mode	802.11b/g/n/ac Wave 2 (WiFi 5) with data transmission rates up to 867 Mbps (Dual Band, MU-MIMO), 802.11r fast transition, Access Point (AP), Station (STA)	
Wirk users         up to 150 simultaneous connections           Wireless Hotspot         Captive portal (Hotspot), internal/external Radius server, built in customizable landing page           BLUETOOTH         Bluetooth 4.0         Bluetooth low energy (LE) for short range communication           NETWORK         Routing         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VBRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne Calent, SMMP, MQTT, Wake on LAN (WGL), DLVA.           VOIP passthrough support         H.222 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Weger roboot, Periodic Reboot, LCP and ICMP for link inspection           Frewall         Port forwards, traffic rules, custom rules           DHCP         Static and dynamic IP allocation, DHCP Relay, Relayd           Q6 / Shart Grueye         Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e           DDNS         Supported >25 service providers, others can be configured manually           Network backup         VRRP, Wired and WIFI WAN options, each of which can be used as an automatic Failover           SSHFS         Possibility to mount remote file system via SSH protocol           SECURITY         Pre-configured firewall rules can be enabled via WebUJ, unlimited firewall configuration via CLI; DMZ; NAT; NAT-	WiFi security	WPA3-EAP, WPA3-SAE, WPA2-Enterprise-PEAP, WPA2-PSK, WEP; AES-CCMP, TKIP, Auto Cipher modes, client separation	
Wirdess Hotspot         Captive portal (Hotspot), internal/external Radius server, built in customizable landing page           BLUETOOTH         Bluetooth 1ow energy (LE) for short range communication           NETWORK         Routing         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         CTP, UDP, IPv4, IPv6, ICMP, NTP, DN5, HTTP, HTTP5, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne client, SNMP, MQ1T, Wake on LAN (WOL), DLNA           VolP passibrough support         H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VolP packets           Connection monitoring         Ping Reboot, Wge reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rules, custom rules           DHCP         Static and dynamic IP allocation, DHCP Relay, Relayd           Q05 / Smart Queue         Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e           DNS         Supported >25 service providers, others can be configured manually           Network backup         VRRP, Wired and WIFI WAN options, each of which can be used as an automatic Failover           SSHPS         Possibility to mount remote file system via SSH protocol           SECURITY         Authentication         Pre-shared key, digital certificates, X.509 certificates           VLAN         Port and tag based VLAN separation         MET Armas, Natth Austh, Severention, ICYN Hotsp	ESSID	ESSID stealth mode	
BLUETOOTH         Bluetooth 4.0       Bluetooth low energy (LE) for short range communication         NETWORK       Routling       Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)         Network protocols       TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, TFP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne client, SNMP, MQTT, Valke on LAN (WOL), DLNA         VoIP passthrough support       H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VoIP packets         Connection monitoring       Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection         Firewall       Port forwards, traffic rules, custom rules         DI/CP       Static and dynamic IP allocation, DHCP Relay, Relayd         QoS / Smart Queue Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Pre-configured firewall configured firewall configuration via CL; DMZ; NAT; NAT-T         DDOS prevention (SYM Hood protection, SSH attack prevention, HTTP/HTTPS attack prevention, port scan prevention (SYM-Hood protection, SSH attack prevention, HTTP/HTTPS attack prevention, port scan prevention (SYM-Hood protection, SSH attack prevention, HTTP/HTTPS	WiFi users	up to 150 simultaneous connections	
Bluetooth 4.0         Bluetooth low energy (LE) for short range communication           NETWORK         Reuting         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTP5, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPeE, UPNP, SSH, DHCP, Telne client, SMMP, MQTT, Wake on LAN (WOL), DLNA           YolP passthrough support         H.323 and SIP-aig protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rolles, custom rules           DHCP         Static and dynamic IP allocation, DHCP Relay, Relayd           QoS / Smart Queue         Traffic priority queuing by source/destination, service, protocol or port, WIMM, 802.11e           DDNS         Supported >25 service providers, others can be configured manually           Network backup         VRRP, Wired and WiFI WAN options, each of which can be used as an automatic Failover           SSHFS         Possibility to mount remote file system via SSH protocol           SECURITY         Authentication           Authentication         Pre-shared key, digital certificates, X.509 certificates           Firewall         Pre-configured firewall rules can be enabled via WebUL, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T           Attack prevention         SDN Prestround	Wireless Hotspot	Captive portal (Hotspot), internal/external Radius server, built in customizable landing page	
NETWORK           Routing         Static routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne client, SMMP, MQTT, Wake on LAN (WOL), DLNA           VoIP passthrough support         H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rules, custom rules           DHCP         Static and dynamic IP allocation, DHCP Relay, Relayd           QGS / Smart Queue         Management (SQM)           Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e           DDNS         Supported >25 service providers, others can be configured manually           Network backup         VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover           SSHFS         Possibility to mount remote file system via SSH protocol           SECURITY         Authentaction           Pre-shared key, digital certificates, X509 certificates           Firewall         Pre-configured freewall rules can be enabled via WebUU, unlimited firewall configuration via CL; DMZ; NAT; NAT-T           DDDS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention, SyN+RST, X-mas, NULL flags, FiN scan attacks)	BLUETOOTH		
Routing         Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)           Network protocols         TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne client, SNNP, MQTT, Wake on LAN (WOL), DLNA           VoIP passthrough support         H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets           Connection monitoring         Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection           Firewall         Port forwards, traffic rules, custom rules           DHCP         Static and dynamic IP allocation, DHCP Relay, Relayd           QOS / Smart Queue         Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e           Management ISQM)         Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e           DDNS         Supported >25 service providers, others can be configured manually           Network backup         VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover           SSHFS         Possibility to mount remote file system via SSH protocol           SteCURITY         Authentication           Authentication         Pre-shared key, digital certificates, X:509 certificates           Firewall         Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T           DDOS prevention (SYN flood protection, S	Bluetooth 4.0	Bluetooth low energy (LE) for short range communication	
TCP, UDP, IP-4, IP-6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telne client, SNMP, MQTT, Wake on LAN (WOL), DLNA         VolP passthrough support       H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VolP packets         Connection monitoring       Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection         Firewall       Port forwards, traffic rules, custom rules         DHCP       Static and dynamic IP allocation, DHCP Relay, Relayd         QoS / Smart Queue Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Port and tag based VLAN separation         WEA       DDOS provention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FiN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access contro	NETWORK		
NetWork protocols       client, SNMP, MQTT, Wake on LAN (WOL), DLNA         VoIP passthrough support       H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets         Connection monitoring       Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection         Firewall       Port forwards, traffic rules, custom rules         DHCP       Static and dynamic IP allocation, DHCP Relay, Relayd         QoS / Smart Queue       Management (SQM)         Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         DDOS prevention (SVN flood protection, SSH attack prevention, HTTP/HTPS attack prevention), port scan prevention (SVN sVN, STT, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Acc	Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)	
Connection monitoring       Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection         Firewall       Port forwards, traffic rules, custom rules         DHCP       Static and dynamic IP allocation, DHCP Relay, Relayd         QoS / Smart Queue Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-f SYN-RST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods	Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet client, SNMP, MQTT, Wake on LAN (WOL), DLNA	
Firewall       Port forwards, traffic rules, custom rules         DHCP       Static and dynamic IP allocation, DHCP Relay, Relayd         QoS / Smart Queue       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRPP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       SDDS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FSYX, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryptio	VoIP passthrough support	H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets	
DHCP       Static and dynamic IP allocation, DHCP Relay, Relayd         QOS / Smart Queue Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         DDDS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         Ope	Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection	
QoS / Smart Queue Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE-CBC, DES-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         Pisec       IKEV1, IKEV2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192,	Firewall	Port forwards, traffic rules, custom rules	
Management (SQM)       Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e         DDNS       Supported >25 service providers, others can be configured manually         Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-f SYN-RST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DES-X-CBC, BF-CBC, CAST5-CBC, CAST5-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, CAST-2-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES,	DHCP	Static and dynamic IP allocation, DHCP Relay, Relayd	
Network backup       VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover         SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY       Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE-CBC, DES-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEV1, IKEV2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel		Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e	
SSHFS       Possibility to mount remote file system via SSH protocol         SECURITY         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, CAST5-CBC, CAST5-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	DDNS	Supported >25 service providers, others can be configured manually	
SECURITY         Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-f SYN-RST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, GRE         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	Network backup	VRRP, Wired and WiFi WAN options, each of which can be used as an automatic Failover	
Authentication       Pre-shared key, digital certificates, X.509 certificates         Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-F         Attack prevention       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	SSHFS	Possibility to mount remote file system via SSH protocol	
Firewall       Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T         Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-F         YLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE-3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, AES-128-CBC, GRE         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	SECURITY		
Attack prevention       DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, DES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	Authentication	Pre-shared key, digital certificates, X.509 certificates	
Attack prevention       SYN-RST, X-mas, NULL flags, FIN scan attacks)         VLAN       Port and tag based VLAN separation         WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	Firewall	Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T	
WEB filter       Blacklist for blocking out unwanted websites, whitelist for specifying allowed sites only         Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	Attack prevention	DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FIN SYN-RST, X-mas, NULL flags, FIN scan attacks)	
Access control       Flexible access control of TCP, UDP, ICMP packets, MAC address filter         VPN       OpenVPN         Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	VLAN	Port and tag based VLAN separation	
VPN         OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	WEB filter		
OpenVPN       Multiple clients and a server can run simultaneously, 12 encryption methods         OpenVPN Encryption       DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC         IPsec       IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)         GRE       GRE tunnel	Access control	Flexible access control of TCP, UDP, ICMP packets, MAC address filter	
OpenVPN Encryption     DES-CBC, RC2-CBC, DES-EDE-CBC, DES-EDE3-CBC, DESX-CBC, BF-CBC, RC2-40-CBC, CAST5-CBC, RC2-64-CBC, AES-128-CBC, AES-192-CBC, AES-256-CBC       IPsec     IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)       GRE     GRE tunnel	VPN		
AES-192-CBC, AES-256-CBC IPsec IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256) GRE GRE tunnel	OpenVPN	Multiple clients and a server can run simultaneously, 12 encryption methods	
GRE GRE tunnel	OpenVPN Encryption		
	IPsec	IKEv1, IKEv2, with 5 encryption methods for IPsec (DES, 3DES, AES128, AES192, AES256)	
PDTD 12TD Client/Server instances can run simultaneously 12TDv2 support	GRE	GRE tunnel	
Cient/Server instances carrun sinutaneously, E217V5 support	PPTP, L2TP	Client/Server instances can run simultaneously, L2TPv3 support	
Stunnel Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's cod	Stunnel	Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code	
DMVPN Method of building scalable IPsec VPNs	DMVPN	Method of building scalable IPsec VPNs	

ZeroTier ZeroTier VPN client support
WireGuard WireGuard VPN client and server support

SSTP client instance support

SSTP



#### MODBUS TCP SLAVE

ID filtering	Respond to one ID in range [1;255] or any
Allow remote access	Allow access through WAN
Custom registers	Modbus TCP custom register block, which allows to read/write to a file inside the router, and can be used to extend Modbu TCP slave functionality
MODBUS TCP MASTER	
Supported functions	01, 02, 03, 04, 05, 06, 15, 16
Supported data formats	8 bit: INT, UINT; 16 bit: INT, UINT (MSB or LSB first); 32 bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII
MQTT GATEWAY	
Gateway	Allows sending commands and receiving data from Modbus Master trough MQTT broker
DATA TO SERVER	
DATA TO SERVER	
Protocols	HTTP(S), MQTT, Azure MQTT, Kinesis
Protocols	
Protocols	EMENT
Protocols	
Protocols MONITORING & MANAG	EMENT
Protocols MONITORING & MANAG WEB UI	EMENT HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log
Protocols MONITORING & MANAG WEB UI FOTA	EMENT HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log Firmware update from server, automatic notification
Protocols MONITORING & MANAG WEB UI FOTA SSH	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)
Protocols MONITORING & MANAG WEB UI FOTA SSH SMS Call	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)         SMS status, SMS configuration, send/read SMS via HTTP POST/GET
Protocols MONITORING & MANAG WEB UI FOTA SSH SMS Call TR-069	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)         SMS status, SMS configuration, send/read SMS via HTTP POST/GET         Reboot, Status, Mobile data on/off, Output on/off
Protocols MONITORING & MANAG WEB UI FOTA SSH SMS Call TR-069	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)         SMS status, SMS configuration, send/read SMS via HTTP POST/GET         Reboot, Status, Mobile data on/off, Output on/off         OpenACS, EasyCwmp, ACSLite, tGem, LibreACS, GenieACS, FreeACS, LibCWMP, Friendly tech, AVSystem
Protocols MONITORING & MANAG WEB UI FOTA SSH SMS Call TR-069 MQTT SNMP	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)         SMS status, SMS configuration, send/read SMS via HTTP POST/GET         Reboot, Status, Mobile data on/off, Output on/off         OpenACS, EasyCwmp, ACSLite, tGem, LibreACS, GenieACS, FreeACS, LibCWMP, Friendly tech, AVSystem         MQTT Broker, MQTT publisher
Protocols MONITORING & MANAG WEB UI FOTA SSH SMS Call TR-069 MQTT	EMENT         HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log         Firmware update from server, automatic notification         SSH (v1, v2)         SMS status, SMS configuration, send/read SMS via HTTP POST/GET         Reboot, Status, Mobile data on/off, Output on/off         OpenACS, EasyCwmp, ACSLite, tGem, LibreACS, GenieACS, FreeACS, LibCWMP, Friendly tech, AVSystem         MQTT Broker, MQTT publisher         SNMP (v1, v2, v3), SNMP trap

CPU	Quad-core ARM Cortex A7, 717 MHz
RAM	256 MB, DDR3
FLASH storage	256 MB, SPI Flash

#### **FIRMWARE / CONFIGURATION**

WEB UI	Update FW from file, check FW on server, configuration profiles, configuration backup
FOTA	Update FW/configuration from server
RMS	Update FW/configuration for multiple devices at once
Keep settings	Update FW without losing current configuration

#### FIRMWARE CUSTOMIZATION

Operating system	RutOS (OpenWrt based Linux OS)
Supported languages	Busybox shell, Lua, C, C++
Development tools	SDK package with build environment provided

#### USB

Data rate	USB 2.0
Applications	Samba share, USB-to-serial
External devices	Possibility to connect external HDD, flash drive, additional modem, printer
Storage formats	FAT, FAT32, NTFS



#### **INPUT/OUTPUT**

Input	1 x Digital Input, 0 - 6 V detected as logic low, 8 - 30 V detected as logic high
Output	1 x Digital Output, Open collector output, max output 30 V, 300 mA
Events	Email, RMS
I/O juggler	Allows to set certain I/O conditions to initiate event

#### POWER

Connector	4 pin industrial DC power socket
Input voltage range	9 - 50 VDC, reverse polarity protection, voltage surge/transient protection
PoE (passive)	Passive PoE. Possibility to power up through LAN port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards
Power consumption	9 W Max

#### PHYSICAL INTERFACES (PORTS, LEDS, BUTTONS)

Ethernet	4 x RJ45 ports, 10/100/1000 Mbps
I/Os	1 x Digital Input, 1 x Digital Output on 4 pin power connector
Status LEDs	8 x LAN status LEDs, 1 x Power LED, 2 x 2.4G and 5G WiFi LEDs
Power	1 x 4 pin DC connector
Antennas	2 x RP-SMA for WiFi, 1 x RP-SMA for Bluetooth
USB	1 x USB A port for external devices
Reset	Reboot/User default reset/Factory reset button
Other	1 x Grounding screw

#### PHYSICAL SPECIFICATION

Casing material	Aluminium housing with DIN rail mounting option
Dimensions (W x H x D)	115 x 32.2 x 95.2 mm
Weight	355 g
Mounting options	DIN rail, flat surface placement

#### **OPERATING ENVIRONMENT**

Operating temperature	-40 C to 75 C
Operating humidity	10 % to 90 % non-condensing
Ingress Protection Rating	IP30



### HARDWARE INSTALLATION

1. Attach all antennas.

Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into a power outlet.
 Connect to the device wirelessly using SSID and password provided on the device information label or use an Ethernet cable connected to LAN port.

#### **LOGIN TO DEVICE**

1. To enter the router's Web interface (WebUI), type http://192.168.1.1 into the URL field of your Internet browser.

2. Use login information shown in image A when prompted for authentication.

3. After you log in, you will be prompted to change your password for security reasons. The new password must contain at least 8 characters, including at least one uppercase letter, one lowercase letter, and one digit. This step is mandatory, and you will not be able to interact with the router's WebUI before you change the password.

4. When you change the router's password, the Configuration Wizard will start. The Configuration Wizard is a tool used to set up some of the router's main operating parameters.

<b>CALTENTIKA</b>	
AUTHORIZATION REQUIRED	admin
Please anter your username and password	admin01
	LOG IN

#### **SETUP WIZARD**

After logging in to the router's WebUI, you will be prompted to change the default password and the Setup Wizard will start: 1. Choose your time zone and sync the router's time with the browser if needed.

TIME ZONE SETTINGS		
Current system time Thu Mar 7 14:49:06	2019 SYNC WITH BROWSER	
Time zone	EUROPE/VILNIUS	
		SKIP

2. Default LAN settings are recommended unless you have specific requirements for your LAN network.

LAN CONFIGURATION		
IP address	192.168.1.1	
Netmask	255.255.255.0	
LAN CONFIGURATION		
IP address	off on	
Start	100	
Limit	150	
Lease time	12	
Units	HOURS	
< BACK		SKIP

#### **TECHNICAL INFORMATION**

Radio specifications		
<b>RF</b> technologies	WiFi, BLE	
Max RF power	23 dBm@WiFi, 10 dBm@BLE	
Bundled accessories specifications*		
Power adapter	Input: 0.6 A@100-240 VAC, Output: 12 VDC, 1.5 A, 4-pin plug	
WiFi antenna	2400~2483.5 MHz/5150~5905 MHz, 50 Ω, VSWR<2, gain** 5 dBi, omnidirectional, RP-SMA male connector	
BLE antenna	2400~2483.5 MHz, 50 Ω, VSWR<2, gain** 2 dBi, omnidirectional, RP-SMA male connector	
*Order code dependent.		

\*\*Higher gain antenna can be connected to compensate for cable attenuation when a cable is used. The user is responsible for the compliance with the legal regulations.



## WHAT'S IN THE BOX?

#### **STANDARD PACKAGE CONTAINS\***

- Router RUTX10
- 18 W PSU
- 2 x WiFi antennas (swivel, RP-SMA male)
- 1 x Bluetooth antenna (magnetic mount, RP-SMA male, 1.5 m cable)
- Ethernet cable (1.5 m)
- QSG (Quick Start Guide)
- RMS Flyer
- Packaging box





\* For all standard order codes standard package contents are the same, execpt for PSU.



## **STANDARD ORDER CODES**

PRODUCT CODE	HS CODE	HTS CODE	PACKAGE CONTAINS
RUTX1000000	851762	8517.62.00	Standard package with Euro PSU
RUTX10000200	851762	8517.62.00	Standard package with US PSU

For more information on all available packaging options - please contact us directly.



### **MOUNTING OPTIONS**

### **DIN RAIL KIT**

Parameter	Value
Mounting standard	35mm DIN Rail
Material	Low carbon steel
Weight	57g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	82 mm x 46 mm x 20 mm
RoHS Compliant	V

#### **DIN RAIL KIT**

- DIN Rail adapter
- Philips Pan Head screw #6-32×3/16, 2pcs for RUT2xx/RUT9xx



ORDER CODE	HS CODE	HTS CODE
PR5MEC00	73269098	7326.90.98

For more information on all available packaging options - please contact us directly.

### **COMPACT DIN RAIL KIT**

Parameter	Value
Mounting standard	35mm DIN Rail
Material	ABS + PC plastic
Weight	6.5 g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	70 mm x 25 mm x 14,5 mm
RoHS Compliant	V



#### **DIN RAIL KIT**

- Compact plastic DIN Rail adapter (70x25x14,5mm)
- Philips Pan Head screw #6-32×3/16, 2pcs

ORDER CODE	HS CODE	HTS CODE
PR5MEC11	73269098	7326.90.98

For more information on all available packaging options - please contact us directly.

### **SURFACE MOUNTING KIT**

Parameter	Value
Mounting standard	Flat surface mount
Material	ABS + PC plastic
Weight	2x5 g
Screws included	Philips Pan Head screw #6-32×3/16, 2pcs
Dimensions	25 mm x 48 mm x 7.5 mm
RoHS Compliant	V



#### **DIN RAIL KIT**

- Surface mounting kit
- Philips Pan Head screw #6-32×3/16, 2pcs

ORDER CODE	HS CODE	HTS CODE
PR5MEC12	73269098	7326.90.98

For more information on all available packaging options - please contact us directly.



## **RUTX10 SPATIAL MEASUREMENTS & WEIGHT**

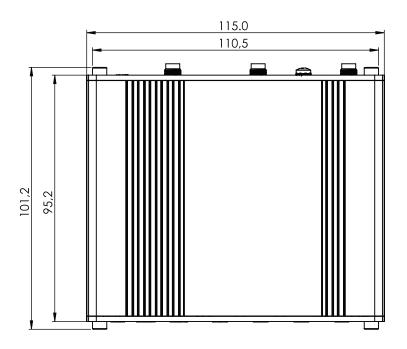
#### MAIN MEASUREMENTS

W x H x D dimensions for RUTX10:			
Device housing*:	115 x 32.2 x 95.2		
Box:	173 x 71 x 148		

\*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below.

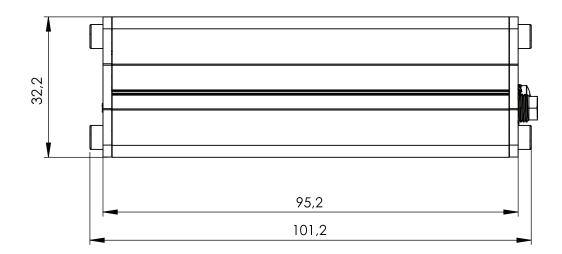
#### **TOP VIEW**

The figure below depicts the measurements of RUTX10 and its components as seen from the top:



#### **RIGHT VIEW**

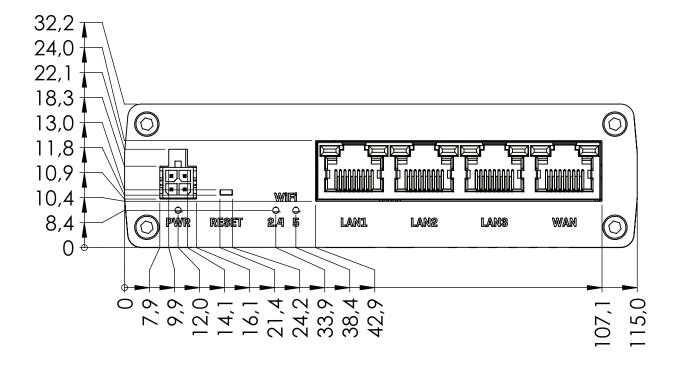
The figure below depicts the measurements of RUTX10 and its components as seen from the right side:





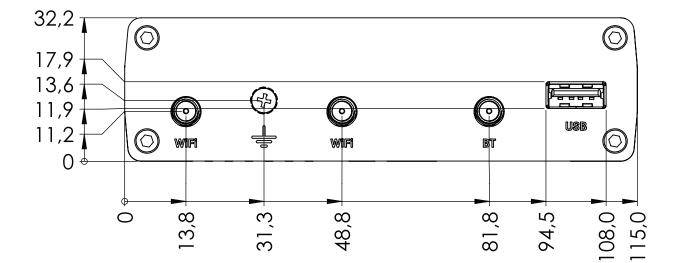
#### **FRONT VIEW**

The figure below depicts the measurements of RUTX10 and its components as seen from the front panel side:



#### **REAR VIEW**

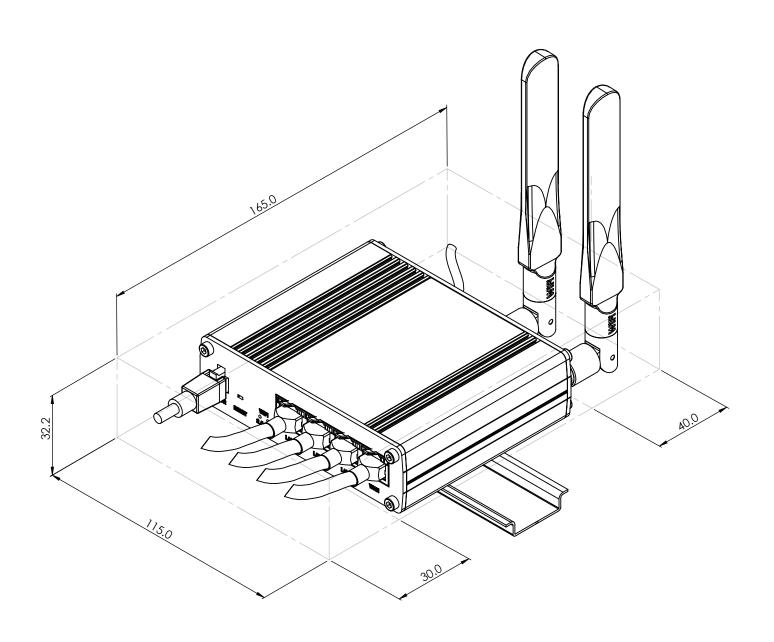
The figure below depicts the measurements of RUTX10 and its components as seen from the back panel side:





#### MOUNTING SPACE REQUIREMENTS

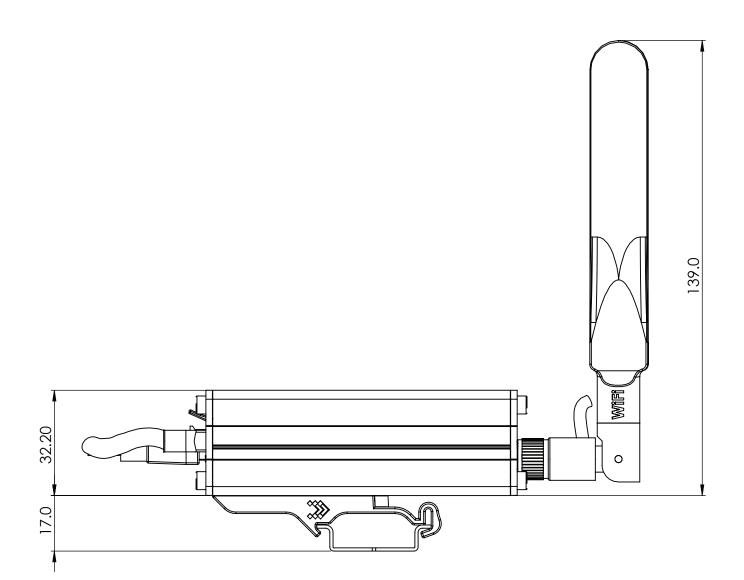
The figure below depicts an approximation of the device's dimensions when cables and antennas are attached:





#### **DIN RAIL**

The scheme below depicts protrusion measurements of an attached DIN Rail:





Pulse Supply 909 Ridgebrook Road, Sparks, Maryland 21152, USA TEL:+1-410-583-1701 FAX:+1-410-583-1704 E-mail: sales@pulsesupply.com https://www.pulsesupply.com/teltonika