

Turris-Omnia Gateway Supported Features

Supported RDKB Features & Enhancements

No	Feature	Supported	Remarks
1	LAN Connected Devices-Ethernet	✓	
2	WAN Connected Devices-Wi-Fi	✓	
3	Parental Control	✗	
4	Firewall settings	✓	
5	Advanced Config: Port Triggering	✗	
6	Advanced Config: Port Forwarding	✗	
7	Advanced Config: Remote Management	✓	Disabling does not work
8	Advanced Config: DMZ	✗	
9	Xfinity Wi-Fi 2.4/5 GHz – Public Hotspot	✗	
10	Test and Diagnostics	✓	Traceroute may lag randomly
11	Local WebUI Configuration	✓	
12	Factory Reset	✗	
13	DHCP /Reserved IP	✓	
14	EthWan	✓	
15	Eth Agent	✗	
16	2.4 GHz Band Support	✓	
17	5 GHz Band Support	✓	
18	Bridge Mode Support	✗	
19	Persistent Storage Management	✓	
20	WebPA for Comcast,community	✓	User manual- RDK Broadband - WebPA Support in Turris Omnia - User Manual - 2020 - M3
21	Lost and Found	✗	
22	Bluetooth	✗	
22	Harvester Support	✗	
23	TR-069	✗	
24	SNMP	✗	
26	Yocto-2.2, Morty	✓	
27	Yocto-3.1, Dunfell	✓	
28	Boot time data measurement	✗	
29	Wireless Protection Setup(WPS)	✓	User manual – WPS support in Turris Omnia RDKB Gateway
30	Captive Portal	✗	
31	Wi-Fi MAC Filtering	✗	
32	Log Rotation Support	✓	User manual for Log Rotation support – Log Rotation Support in Turris User manual - Broadband - 2021 M2
33	Firmware Upgrade Support	✓	User manual- Firmware upgrade through XCONF server - Turris-Omnia - User Manual - 2020 - M6
34	Multiboot Support	✗	
35	Telemetry Support	✓	User manual for Telemetry cron job support – Telemetry Cronjob Support for Turris Omnia RDK Telemetry for Turris omnia reference platform Telemetry Support in Turris Omnia - Design - 2020 M11

36	IPv6	✗	
37	Dynamic DNS	✗	
38	JST WebUI	✓	
39	Tiny RDK	✓	User manual - Tiny RDK gateway image for Turris Omnia

Supported WiFi HAL APIs

No	LIST OF API's
1	wifi_getSSIDNameStatus
2	wifi_getApMacAddressControlMode
3	wifi_getApAssociatedDeviceStats
4	wifi_delApAclDevice
5	wifi_getApIsolationEnable
6	wifi_setApIsolationEnable
7	wifi_pushRadioChannel2
8	wifi_getApAssociatedDeviceDiagnosticResult2
9	wifi_getRadioChannelStats
10	wifi_getSSIDTrafficStats2
11	wifi_getNeighboringWiFiStatus
12	wifi_getApAssociatedDeviceTxStatsResult (Netlink)
13	wifi_getApAssociatedDeviceRxStatsResult (Netlink)
14	wifi_getHalVersion
15	wifi_getRadioNumberOfEntries
16	wifi_getRadioIfName
17	wifi_getRadioOperatingFrequencyBand
18	wifi_getSSIDNumberOfEntries
19	wifi_getApName
20	wifi_getSSIDRadioIndex
21	wifi_getRadioEnable
22	wifi_getRadioAutoChannelEnable
23	wifi_getRadioTransmitPower
24	wifi_getRadioCountryCode
25	wifi_getRadioStandard
26	wifi_getSSIDEnable
27	wifi_getApBridgeInfo
28	wifi_getSSIDNameStatus
29	wifi_getBaseBSSID
30	wifi_setSSIDEnable
31	wifi_setSSIDName
32	wifi_setRadioOperatingChannelBandwidth

33	wifi_pushSSID
34	wifi_getApSecurityKeyPassphrase
35	wifi_setApSecurityKeyPassphrase
36	wifi_getApNumDevicesAssociated
37	wifi_getRadioPossibleChannels
38	wifi_getApAclDevices
39	wifi_addApAclDevice
40	wifi_setApMacAddressControlMode
41	wifi_getApSecurityModeEnabled
42	wifi_setApSecurityModeEnabled