

Features in RDK-B Reference Platform

List of Supported Features in RDKB Reference Platform

P - Present/Supported N- Not Supported

Feature #	RDK-Broadband Features	Emulator-x86	R-Pi	User Manual Link for the Features
1	LAN Connected Devices-Ethernet	P	P	
2	WAN Connected Devices-Wi-Fi	P	P	
3	Parental Control	P	P	
4	Firewall settings	P	P	
5	Advanced Config: Port Triggering	P	N	
6	Advanced Config: Port Forwarding	P	P	
7	Advanced Config: Remote Management	P	P	Advanced config: Remote Management Advanced config- Remote Management with HTTPS protocol
8	Advanced Config: DMZ	P	P	
9	Xfinity Wi-Fi 2.4/5 GHz – Public Hotspot	P	P	
10	Test and Diagnostics	P	P	Test and Diagnostic on R-Pi
11	Local WebUI Configuration	P	P	
12	Factory Reset	P	P	
13	DHCP /Reserved IP	P	P	
14	Gwprovapp- EthWan	N	P	RDKB EthWan GW Provision Layer in RPI - Design - 2019 M5
15	Eth Agent	N	P	RDKB EthAgent Component in RPI - Design - 2019 M7 RDKB EthAgent Component in RPI - User Manual - 2019 M7
16	2.4 GHz Band Support	P	P	
17	5 GHz Band Support	P	P	
18	Bridge Mode Support	P	P	Bridge Mode Feature
19	Persistent Storage Management	P	P	
20	WebPA for Comcast,community	P	P	WebPA Client Support on RPI and Emulator WebPA Client Support on RPI and Emulator - User Manual
21	Lost and Found	P	N	
22	Bluetooth	P	N	
23	Harvester Support	P	N	
24	TR-69	P	N	TR-069 Get/Set Data Parameters Support through GenieACS Server for RDKB RPI Reference Platform TR-069 Support for RDKB RPI Reference Platform
25	SNMP	P	P	Integration of SNMP - RDKB RPI - Design - 2020 M7 SNMP - RDKB RPI - User Manual - 2020 - M7
26	Emulator for Developers	P	P	
27	Yocto-2.2,Morty	P	P	
28	Boot time data measurement	N	P	Boot Time Measurement RDK-B Boot Time Data Measurement
29	Wireless Protection Setup (WPS)	P	N	Wireless Protection Setup (WPS) Wireless Protection Setup

30	Captive Portal	P	P	Captive Portal in R-Pi Captive Portal in Emulator Captive Portal in Emulator - Design
31	Wi-Fi MAC Filtering	N	P	MAC Filtering in R-Pis - Design MAC Filtering in R-Pi
32	Log Rotation Support	N	P	Log Rotation Support in RPI User manual - Broadband - 2019 M8
33	Firmware Upgrade Support	N	P	RDKB RPI Firmware Upgrade - Design - 2019 M7 RDK-(B/V) Firmware Upgrade in RPI - User Manual - 2019 M7 RDKB RPI Firmware Upgrade with support of HTTP protocol - Design - 2020 M6 Firmware Upgrade with Support of HTTP Protocol & TFTP Protocol in RDKB RPI - Broadband - User Manual - 2020 - M6
34	Multiboot Support (RDKB and RDKV)	N	P	Firmware Upgrade - Multi boot support User Manual - 2019
35	Telemetry Support	N	P	Telemetry Support in RPI - Design - 2019 M9 Telemetry(1.0) in RPI User manual Broadband - 2019 M9 Telemetry in Raspberry-pi with Cron job support Telemetry support in RDKB Emulator - Design - 2020 M4 Telemetry Support in RDKB Emulator - User Manual - M4 - 2020 Telemetry in Emulator with Cron job support
36	Log Agent Support	N	P	RDKB CcspLogAgent Component in RPI - Design - 2019 M7 RDKB CcspLogAgent Component in RPI - User Manual - 2019 M7
37	Self Heal Support	N	P	Self Heal Support in RPI - Design - 2019 M10 Self Heal Support in RPI - User manual - Broadband
38	Wi-Fi Spectrum Analyzer	P	N	RDKB Wi-Fi Spectrum Analyzer support in EMU - Design - 2020 M3 Spectrum Analyzer in Emulator - RDKB - User Manual - 2020 - M3
39	Telemetry 2.0	N	P	Telemetry 2.0 support in RDKB RPI
40	Porting of WanManager	N	P	Porting of WanManager in RDKB RPI WanManager Integration for RDKB RPI
41	BandSteering Support	N	P	RDKB BandSteering(With CcspWifiAgent) - Design Approach Band Steering User manual(With CcspWifiAgent) - RDKB
42	FwUpgradeManager Support	N	P	FwUpgradeManager Support in RDKB RPI - Broadband - User Manual - 2021 - M8