

RDK-B Raspberry Pi

The RDK-B stack for RaspberryPi is available to MSOs, application developers, and system integrator without any additional licenses beyond the standard RDK license. In the current functionality, a Raspberry Pi 2 or 3 device can function as a basic router through which a connected CPE device can access the admin portal and surf the Internet.

The code bundle contains a developer kit (Generic RDK-B code, SoC patches and SDK) that allows the user to add services on top of the existing generic RDK-B components. The binaries are available below and the code can also be pulled from CMF and built using the Yocto 2.2 framework (rdk-next).

- [RDK-B R-Pi Build guide](#)
- [RDK-B Boot time data plot](#)
- [Features in RDK-B Reference Platform](#)
- [Kirkstone \(Yocto 4.0\) Migration - RDK-B](#)
- [OneWifi Integration in RDK-B Raspberry Pi4](#)
- [Speedtest Integration in RDK-B](#)
- [DAC demonstration on Broadband using Dobby & Sample App in Local WebUI:](#)
- [Avahi mDNS support in RDK-B Reference Platform](#)
- [RPI4 Extender - reference implementation](#)
- [RDK-B CPUProcAnalyzer](#)
- [OpenSync 4.4 with OneWiFi](#)
- [RdkCellularManager-MM](#)
- [RDK-B Router Profile](#)
- [Telemetry 2.0 support for RDKB RPI -User Manual](#)
- [RDK-B Boot Time Data Measurement](#)
- [Tiny RDKB support for RPI Reference Platform](#)
- [TR-069 Support for RDKB RPI Reference Platform](#)
- [TR-069 Get/Set Data Parameters Support through GenieACS Server for RDKB RPI Reference Platform](#)
- [FwUpgradeManager Support in RDKB RPI - Broadband - User Manual - 2021 - M8](#)
- [Self Heal Support in RPI - Design - 2019 M10](#)
- [Backup and Restore Feature in RPI - Design](#)
- [RDKB CcspLogAgent Component in RPI - Design - 2019 M7](#)
- [Log Rotation Support in RPI User manual - Broadband - 2019 M8](#)
- [Band Steering User manual\(With CcspWifiAgent\) - RDKB](#)
- [RDKB BandSteering\(With CcspWifiAgent\) - Design Approach](#)
- [Backup and Restore Feature in RPI - User Manual](#)
- [Self Heal Support in RPI - User manual - Broadband](#)
- [Telemetry\(1.0\) in RPI User manual Broadband - 2019 M9](#)
- [Telemetry\(1.0\) Support in RPI - Design - 2019 M9](#)
- [RDKB RPI Firmware Upgrade - Design - 2019 M7](#)
- [SNMP - RDKB RPI - User Manual - 2020 - M7](#)
- [Integration of SNMP - RDKB RPI - Design - 2020 M7](#)
- [Advanced config- Remote Management with HTTPS protocol](#)
- [Telemetry 2.0 support in RDKB RPI](#)
- [CcspWiFiAgent support](#)
- [Port Triggering in RPI](#)
- [WebPA Client Support on RPI and Emulator](#)
- [BridgeMode Feature support in RPI](#)
- [WebConfig Feature Validation in RPI](#)
- [Wifi Test Cases](#)