

RDK6 Feature List

Category	Sub - category	RDK6 Plan	Comcast Set-top Box (Q2-23)	Sky (Q2-23)	Liberty Global EOS	Jira tickets
Streaming apps	YouTube	V23	V23	V23	V23	RDKVREL-1 PREMIUMAP P-818
	Netflix	V6.1	V6.1	V6.1	V6.1	RDKVREL-2 PREMIUMAP P-1385
	Amazon Prime	V4	Web	Web	V4	RDKVREL-3 PREMIUMAP P-799
	Disney+	NA	Web	Web	2.1.1	TBD Pending agreement
Framework	Firebolt	V1.0	RDK Trunk	RDK Trunk		RDKVREL-4 RDKDEV-647
	Ripple	RDK6	RDK Trunk	RDK Trunk		RDKVREL-5 FRBLT-1
	Lightning	V2.8	V2.8	V2.8	V2.8	DONE
	QT for BLE	V5.1.1 OSS version	V5.1.1 OSS version	V5.4		RDKVREL-6 RDKDEV-364
	Core Thunder framework	Version R4.2	Version R4.2	Version R4.2		RDKVREL-7 RDKDEV-643
	Browser - WPEWebkit	V2.38	V2.38	V2.38		RDKVREL-8 RDKDEV-432
Screen cast	DIAL	V2.2.1	V2.2.1	V2.2.1		RDKVREL-9 RDKDEV-472
Security	DAC (Containerization)	RDK6	RDK Trunk	RDK Trunk	RDK Trunk	RDKVREL-10
	Dobby	RDK6	RDK Trunk	RDK Trunk	RDK Trunk	Done
	Rialto	RDK6	RDK Trunk	RDK Trunk	RDK Trunk	RDKVREL-11 RIALTO-44
	Packager (Lisa)	RDK6	RDM	TBD Currently using packager plugin	LISA	RDKVREL-12 RDKDEV-644 RDKSEC-91
	AppArmor	RDK6	RDK Trunk	RDK Trunk	RDK Trunk	RDKVREL-13 RDKSEC-141 RDKSEC-86
	Kernel Hardening	RDK6	Proprietary	Proprietary	Proprietary	RDKVREL-33
Graphics	Rendering	ESSOS with Westeros	ESSOS with Westeros	Wayland	ESSOS with Weston	Done
	Graphics	OpenGL ES	OpenGL ES	OpenGL ES	OpenGL ES	Done
Gstreamer	Gstreamer	1.18	1.18	1.18	1.18	RDKVREL-14 RDKDEV-646 REFPLTV-1281

	Gstreamer SoC SDK	RDK Trunk (RDK community version of Broadcom SDK)	Proprietary version of Broadcom SDK *	NA	RDK Trunk	Done
CAS, DRM & Content protection	PlayReady	4.4	4.4	4.4		RDKVREL-39
	Widevine	Widevine 16	Widevine 16	Widevine 16		RDKVREL-38
	Common SVP	RDK6	RDK Trunk	RDK Trunk	RDK Trunk	RDKVREL-15 RDKDEV-292
	Verimatrix	RDK6	NA	NA	NA	RDKVREL-16 RDKDEV-348
	CAS	AnyCAS	NA	NA	NA	RDKVREL-43
Build & Platform	Yocto version	Yocto 3.1 (Dunfell) Yocto 4.0 Beta on RPI	Yocto 4.0 (Kirkstone)	Yocto 4.0 (Kirkstone)	Yocto 3.1 (Dunfell)	3.1 - Done RDKVREL-17/ REFPLTV-1474
	Kernel	Android common kernel	Android Common Kernel	Android Common Kernel	Linux Kernel	RDKVREL-18 RDKDEV-645
	Init system	Systemd v244 (Yocto 3.1)	Systemd v250	Systemd v250	Systemd v244	RDKVREL-19 RDKDEV-473
	Application Manager	RDK Shell TBD**	Proprietary (XRE)	Proprietary	Proprietary	RDKVREL-20
	SDK					
	Broadcom	V23.0	V20.2, Upgrading to 22.0	NA	V23.0	RDKVREL-21
Video Player	AMLogic	RDK6	Custom	Custom	NA	
	Realtek	6.0 (Releasing in Dec)	Custom	Custom	NA	
	IP	UVE (AAMP)	UVE (AAMP)	UVE	IPPlayer	RDKVREL-37 RDKUI-92
	QAM	UVE via RMF (QAMSrc)	UVE via RMF (QAMSrc)	NA	Sessionmanager via RMF	RDKVREL-22 RDKDEV-400
	DVB (Mediarite)	UVE via RMF	NA	UVE	NA	RDKVREL-23 RDKDEV-639
	DVB (DTVKit)	Sessionmanager via RMF	NA	NA	NA	RDKVREL-24 RDKDEV-112
	ATSC	NA	UVE via MediaRite	NA	NA	NA
	TSB	Fog	Fog	NA	NA	RDKVREL-25 RDKDEV-474
Remote Control and Voice	DAC Apps	RIALTO	RIALTO	RIALTO	RIALTO	RDKVREL-26 RDKDEV-640
	Voice Stack	RDK6	RDK Trunk (XR Audio)	RDK Trunk	Proprietary	RDKVREL-27 RDKDEV-364
	RF4CE remote	NA	Comcast Proprietary	NA	Proprietary	NA
	BLE voice remote	RDK6*	NA	RDK Trunk	NA	RDKVREL-28 RDKDEV-364
Networking	External Audio support	RDK6	RDK Trunk (Audio Server)	RDK Trunk	NA	RDKVREL-29 REFPLTV-1181
	Wi-Fi	RDK6	Comcast Proprietary RDK trunk (New devices)	RDK trunk		RDKVREL-36
	LAN	RDK6	RDK Trunk	RDK trunk	RDK trunk	RDKVREL-36

Device Management	Telemetry	RDK6	RDK Trunk - Telemetry 2.0 (via WebPA)	RDK Trunk Telemetry 2.0 (via WebPA)	Proprietary	RDKVREL-30 RDKDEV-476
	Feature Control	RDK6	RDK Trunk - RFC with Xconf rules	RDK Trunk RFC with Xconf rules	Proprietary	RDKVREL-31 RDKDEV-477
	Firmware Upgrade	RDK6	RDK Trunk - SWUpdate with XConf and Webpa	RDK Trunk - SWUpdate with XConf and Webpa	Proprietary	RDKVREL-32 RDKDEV-475 REFPLTV-1558
	WebPA	RDK6	RDK Trunk	RDK Trunk	ACS	RDKVREL-34 REFPLTV-177
UI/UX	Reference App	RDK6	Proprietary	Proprietary	Proprietary	RDKVREL-35
Digital Assistant (Voice)	Alexa (Push to talk)	RDK6	NA	NA	NA	RDKVREL-40

Not Available in RDK6 Platform Release (Source code will be available)

Category	Sub -category	RDK6 Plan	Comcast XG/XI (Q2-23)	Sky (Q2-23)	Liberty Global EOS	Jira tickets
Device Management	Crash Upload		Crash Upload			RDKPREINTG-7705
RDK Gaming Support	Generic Game Controllers					
	PlayStation Game Controllers					
	Performance enhancement for Cloud gaming					
	Unity, Unreal, and Android games on RDK					
Bluetooth	Bluetooth Headset					
	Bluetooth LE GATT Support					
	Bluetooth Audio Battery Level					
	Upgrade Bluetooth Stack					
Casting, Multiscreen	Real-time multi-screen Sharing					
Tools & CI	Hardware Porting Kit					

** the feature to be finalized before Dec 31 2022