

# COR Product Comparison

Included in Cradlepoint Mobile and IoT NetCloud Solution Packages



COR IBR1700 (1200M, 600M)



COR IBR900 (1200M, 600M, LP5, LPE)



COR IBR600C / IBR650C (LPE, 150M)



COR IBR600B / IBR650B (LP4)



COR IBR200 (10M)

FEATURES		MOBILE		IoT (M2M, DIGITAL SIGNAGE, KIOSK, GATEWAY)		
WAN/LAN/IO	WAN / LAN via ETHERNET	5* / 5* (GigE)	2* / 2* (GigE)	2* / 2* (1 GigE)	2* / 2* (1 GigE)	0 / 1
	WIRELESS BROADBAND TECHNOLOGY	1200Mbps, 600Mbps LTE/HSPA+	1000Mbps, LTE/PA+, LTE/PA+/EVDO	LTE/PA+/EVDO, LTE/PA+	LTE/HSPA+	10Mbps LTE (-VZ), LTE/HSPA(-AT), LTE (-SP)
	CARRIERS SUPPORTED	NA, EU, APAC	NA, EU, APAC	NA, EU, APAC	ATT (T-Mo/Canada), VZ	Verizon, AT&T (T-Mo/Canada), Sprint
	MULTI-CARRIER SOFTWARE-DEFINED RADIO	•	•	•	•	-
	SIM-BASED AUTO-CARRIER SELECTION	•	• (1200M, 600M, LP6)	• (150M)	•	-
	MODEM ANTENNAS & EXTERNAL PORTS	2 SMA MODEM + 1 SMA GPS/GNSS	2 SMA MODEM + 1 SMA GPS/GNSS	2 SMA MODEM	2 SMA MODEM	2 SMA MODEM
	COR EXTENSIBILITY DOCK COMPATIBLE	No. All dock features are native	•	•	•	- / -
	24X7 MODEM CONNECTION VERIFICATION	•	•	•	•	•
	DATA USAGE MANAGEMENT & ALERTS	•	•	•	•	•
	DIGITAL GPIO	7	2 (+4 w/ cable or dock)	2 (+4 w/ cable or dock)	2 (+4 w/ cable or dock)	2
ANALOG TO DIGITAL VOLTAGE MONITORING / LOW VOLTAGE SHUTOFF	•	-	-	-	-	
SERIAL PORT / OBDII CABLE COMPATIBLE	DB9 RS232 / YES	USB to SERIAL, DOCK PORT to SERIAL / YES	USB to SERIAL / -	USB to SERIAL / -	NA	
WIFI Only on "00" SKUs	WIFI TECHNOLOGY	TRI-RADIO DUAL-BAND CONCURRENT a/b/g/n/ac wave 2 w/MU-MIMO and 256 QAM	DUAL-BAND CONCURRENT a/b/g/n/ac wave 2 w/MU-MIMO and 256 QAM	b/g/n	b/g/n	b/g/n
	WIFI CLIENTS (SIMULTANEOUS)	64 + 64	64 + 64	64	64	16
	WIFI PERFORMANCE RATING <sup>3</sup>	★★★★★	★★★★	★★	★★	★
	WIFI SECURITY: WEP, WPA, WPA2, WPA2 ENTERPRISE	•	•	•	•	•
	SPATIAL STREAMS, PORT(S)	2x2 + 2x2 + 4x4, 6 external R-SMA	2x2 + 2x2, 2 external R-SMA	2x2, 2 external R-SMA	2x2, 2 external R-SMA	1x1, 1 external R-SMA
MANAGEMENT	MULTIPLE SSIDS/WIFI NETWORKS	2 + 2	2 + 2	2	2	2
	WIFI AS WAN / WPA2 ENTERPRISE AUTH (RADIUS)	• / •	• / •	• / -	• / -	• / -
	CAPTIVE PORTAL/HOTSPOT SERVICES	•	•	•	•	-
	EASY WEB-BASED LOCAL MANAGEMENT	•	•	•	•	•
	NETCLOUD MANAGER	•	•	•	•	•
ADVANCED FEATURES	SNMP , CLI over SSH	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •
	SMS SUPPORT	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>
	FAILOVER / FAILBACK / LOAD BALANCING	•	•	•	•	-
	OSPF/BGP/RIP, VRRP, STP	•	•	•	•	-
	IPv6 SUPPORT, IP PASS-THROUGH	• / •	• / •	• / •	• / •	• / •
	ADVANCED QOS	•	•	•	•	•
	RADIUS OR TACACS+ ADMINISTRATIVE AUTH.	•	•	•	•	•
	802.1X ETHERNET PORT SECURITY	•	•	•	•	•
	IPSEC VPN TERMINATION & GRE TUNNELING	10 / 10	10 / 10	5 / 10	5 / 10	2 / 2
	SITE-TO-SITE DYNAMIC VPN w/NHR, L2TP	•	•	•	•	-
OPENVPN (SSL VPN)	•	•	•	•	-	
NEMO/DMNR SUPPORT	•	•	•	•	•	
802.1Q VLAN SUPPORT	•	•	•	•	•	
LAN/WAN AFFINITY	•	•	•	•	-	
GPS/GNSS	• ACTIVE DISCRETE GPS/GNSS W/TAIP, NMEA	• ACTIVE GPS/GNSS W/TAIP, NMEA	• PASSIVE, GPS/GNSS NMEA	-	• PASSIVE, GPS/GNSS NMEA (-AT, -VZ only)	
HARDWARE & CERTIFICATIONS	SIZE, WEIGHT, MATERIAL	224.3x190x44mm / 3 lbs 6 oz / metal	4.6x4.5x1.2-in / 14-oz / METAL	4.6x4.5x1.2-in / 14-oz / METAL	4.6x4.1x1.1-in, 10.1-oz, METAL	3x3.7x1.1-in / 6-oz / METAL
	SIM SLOTS	2 (2FF/Mini)	2 (2FF/Mini)	2 (2FF/Mini)	2 (2FF/Mini)	1 (2FF/Mini)
	CERTIFICATIONS	FCC, IC, CE, CARRIER, UL	FCC, IC, CE, CARRIER, UL	FCC, IC, CARRIER, UL	FCC, CARRIER, UL	FCC, IC, CARRIER
	SHOCK/VIBRATION	SAE J1455, MIL STD 810G	SAE J1455, MIL STD 810G	SAE J1455, MIL STD 810G	SAE J1455, MIL STD 810G	-
	IP RATING (INGRESS PROTECTION)	IP64	IP54	N/A	N/A	N/A
	VOLTAGE INPUT RANGE	9-36V	9-33V	9-33V	9-33V	12V
	TRANSIENT VOLTAGE & REVERSE POLARITY PROTECTION	•	•	•	•	-
	IGNITION SENSING / AUTO ON / DELAY OFF	•	•	•	•	-
	TEMPERATURE SENSOR / THERMAL SHUTDOWN & ALERTS	•	QoS only	QoS only	QoS only	-
	OPERATING TEMPERATURE (AMBIENT AIR)	-30 to 70C	-30 to 70C	-20 to 60C	-20 to 60C	-20 to 60C

\* LAN/WAN Configurable; 2 SIM-based models with SIMs that support SMS only, additional SMS charges may apply; 3 Cradlepoint rating based on throughput, range and overall performance ★=full ☆=half;