

# COR Product Compare

## M2M Product line



COR IBR1100 / IBR150 (LP6, LPE, LP3)



COR IBR900 / IBR950 (LP6, LP5, LPE)



COR IBR600C / IBR650C (LPE)



COR IBR600B / IBR650B (LP4)



COR IBR600 / IBR650 (LPE, LP3)



COR IBR350 (LPE, L, P2)

FEATURES	VEHICLE WIFI / OIL/GAS/UTILITY / HARDEREND M2M			M2M – DIGITAL SIGNAGE / KIOSK / VEHICLE		M2M GATEWAY / IoT
WAN / LAN via ETHERNET	3*/3*	2*/2* (GigE)	2*/2* (1 GigE)	2*/2* (1 GigE)	1*/2*	0 / 1
WIRELESS BROADBAND TECHNOLOGY	LTE/HSPA+/EVDO, LTE/PA+(LTE-A)	LTE/PA+(LTE-A CAT 6), LPE	LTE/PA+/EVDO	LTE/HSPA+ (CA 4 LTE)	LTE/EVDO, LTE/PA+ (CAT 3)	LTE/PA+/EVDO, LTE, PA+
CARRIERS SUPPORTED	ATT, EU, GN, INTL, SP, VZ	NA, EU, APAC	NA	ATT, T-Mo, VZ	ATT, EU, GN, INTL, SP, VZ	ATT, GN, INTL, SP, VZ
MULTI-CARRIER SOFTWARE-DEFINED RADIO	• (LPE/LP6 only)	•	•	•	• (LPE only)	• (LPE only)
SIM-BASED AUTO-CARRIER SELECTION	• (LP6 only)	• (LP6 only)	-	•	-	-
MODEM ANTENNAS & EXTERNAL PORTS	2 SMA MODEM + 1 SMA GPS	2 SMA MODEM + 1 SMA GPS	2 SMA MODEM	2 SMA MODEM	2 SMA MODEM/GPS	2 SMA MODEM
EXTENSIBILITY DOCK / DUAL-MODEM DOCK	- / •	• / -	• / -	• / -	- / -	- / -
24x7 MODEM CONNECTION VERIFICATION	•	•	•	•	•	•
DATA USAGE MANAGEMENT & ALERTS	•	•	•	•	•	•
DIGITAL GPIO	2 (+3 w/accessory cable)	2 (+4 w/ cable or dock)	2 (+4 w/ cable or dock)	2 (+4 w/ cable or dock)	2	NA
SERIAL PORT	DB9 RS232	USB to SERIAL	USB to SERIAL	USB to SERIAL	USB to SERIAL	NA
WIFI TECHNOLOGY	DUAL-BAND CONCURRENT a/b/g/n/ac	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	N/A
WIFI CLIENTS (SIMULTANEOUS)	64 + 64	64 + 64	64	64	64	N/A
WIFI PERFORMANCE RATING <sup>8</sup>	***	****	**	**	**	N/A
WIFI SECURITY: WEP, WPA, WPA2, WPA2 ENTERPRISE	•	•	•	•	•	N/A
SPATIAL STREAMS, PORT(S)	2x2 + 2x2, 2 external R-SMA	2x2 + 2x2, 2 external R-SMA	2x2, 2 external R-SMA	2x2, 2 external R-SMA	2x2, 2 external R-SMA	N/A
MULTIPLE SSIDS/WIFI NETWORKS	2 + 2	2 + 2	2	2	2	N/A
WIFI AS WAN / WPA2 ENTERPRISE AUTH (RADIUS)	• / •	• / •	• / -	• / -	• / -	N/A
CAPTIVE PORTAL/HOTSPOT SERVICES	•	•	•	•	•	N/A
EASY WEB-BASED LOCAL MANAGEMENT	•	•	•	•	•	•
ENTERPRISE CLOUD MANAGER	•	•	•	•	•	•
SNMP , CLI over SSH	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •	V 1,2c,3, •
SMS SUPPORT	• <sup>7</sup>	• <sup>7</sup>	• <sup>7</sup>	• <sup>7</sup>	• <sup>7</sup>	• <sup>7</sup>
FAILOVER / FAILBACK / LOAD BALANCING	•	•	•	•	•	-
OSPF/BGP/RIP <sub>9</sub> , VRRP <sub>9</sub> , STP <sub>9</sub>	•	•	•	•	•	-
IPV6 SUPPORT, IP PASS-THROUGH	• / •	• / •	• / •	• / •	• / •	• / •
ADVANCED QOS	•	•	•	•	•	•
RADIUS OR TACACS+ ADMINISTRATIVE AUTH.	•	•	•	•	•	•
802.1X ETHERNET PORT SECURITY	•	•	•	•	•	•
IPSEC VPN TERMINATION & GRE TUNNELING	5	5	5	5	5	2
SITE-TO-SITE DYNAMIC VPN w/NHRP <sub>9</sub> , L2TP <sub>9</sub>	•	•	•	•	•	-
OPENVPN (SSL VPN) <sub>9</sub>	•	•	•	•	•	-
NEMO/DMNR SUPPORT <sub>9</sub>	•	•	•	•	•	•
802.1Q VLAN SUPPORT	•	•	•	•	•	•
LAN/WAN AFFINITY	•	•	•	•	•	-
GPS	• ACTIVE GPS W/TAIP, NMEA	• ACTIVE GPS W/TAIP, NMEA	• PASSIVE, GPS NMEA	-	• PASSIVE, GPS NMEA	• PASSIVE (LPE only), GPS NMEA
SIZE, WEIGHT, MATERIAL	5.3x4.4x1.4-in / 16-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	3.3x4x0.9-in, 7-oz, METAL	3x3.7x1-in, 4-oz , PLASTIC
SIM SLOTS	2 (2FF)	2 (2FF)	2 (2FF)	2 (2FF)	1 (2FF)	1 or 2 (2FF)
CERTIFICATIONS	FCC, IC, CE, CARRIER, CdD <sub>2</sub> , UL	FCC, IC, CE, CARRIER, UL	FCC, IC, CARRIER, UL	FCC, CARRIER, UL	FCC, IC, CE, CARRIER, UL	FCC, IC, CE, CARRIER, OTHERS
SHOCK/VIBRATION	SAE J1455, MIL STD 810G	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	N/A
VOLTAGE INPUT RANGE	9-36V	9-33V	9-33V	9-33V	9-18V	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	-30 to 70C	-30 to 70C	-20 to 60C	-20 to 60C	-20 to 60C <sup>2</sup>	0 to 40C

5/19/17



\* LAN/WAN Configurable; 2 Modem as WAN (-20 to 50C Ethernet as WAN); Load balancing and LAN/WAN affinity disabled on IP PASS-THROUGH network; 7 SIM-based models with SIMs that support SMS only, additional SMS charges may apply; 8 Cradlepoint rating based on throughput, range and overall performance ★=full ☆=half; 9 Requires Extended Enterprise License