

Active - Cellular	Standard LTE		LTE Advanced Pro with GNSS	5G-NR with GNSS	LTE 450	GSM-R
	with GNSS	no GNSS				
Modem Region	EMEA	NA, LATAM, EMEA, APAC	NA, LATAM, EMEA, APAC	EMEA, NA, APAC	EMEA	EMEA
Modem Vendor, Type	Telit LE910C4-EU	u-blox LARA-L6004 / LARA-L6004D	Telit LN920A12-VVV	Telit FN980	Cellient MPL200	Triorail TRM-5
Status / Effective	Available	Available	Available	Available	Available	Available
5G NR	n.a.	n.a.	n.a.	n1, n2, n3, n5, n7, n8, n12*, n20, n25, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79	n.a.	n.a.
LTE Bands	B1, B3, B7, B8, B20, B28A	B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B26, B28, B38, B39, B40, B41	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B38, B39, B40, B41, B42, B43, B48 (CBRS), B66, B71	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29DL, B30, B32, B34, B38, B39, B40, B41, B42, B43*, B46(LAA), B48(CRS), B66, B71	B3, B7, B20, B31	n.a.
DC-HSPA+/UMTS Bands (MHz)	B1(2100), B3(1800), B8(900)	B1, B2, B5, B8	B1, B2, B4, B5, B6, B8, B9, B19	B1, B2, B3, B4, B5, B6, B8, B9, B19	B1(2100), B8(900)	n.a.
GSM/GPRS/EDGE Bands (MHz)	B3(1800), B8(900)	B2(1900), B3(1800), B5(850), B8(900)	n.a.	n.a.	B8(900), B3(1800)	GSM-R, B8(900), B3(1800)
LTE Category	4	4	12	20	3	n.a. (GPRS class 10)
MIMO	2x2	2x2	2x2	4x4	2x2	n.a. (SISO)
Data Rates (max): downlink / uplink	150 Mbps / 50 Mbps	150 Mbps / 50 Mbps	600 Mbps / 150 Mbps	5.5 Gbps / 2.7 Gbps	100 Mbps / 50 Mbps	85.6 kbps / 42.8 kbps
Voice, Audio	yes - CSFB, VoLTE	L6004: yes - CSFB, VoLTE L6004D: No	n.a.	n.a.	n.a.	yes
GNSS Support	GPS, Galileo, GLONASS, BeiDou	n.a.	GPS, Galileo, GLONASS, BeiDou	GPS, Galileo, GLONASS, BeiDou	n.a.	n.a.
Tracking Sensitivity	up to -160 dBm	n.a.	Up to -158 dBm	Up to -161 dBm	n.a.	n.a.
Assisted GPS	no	n.a.	no	no	n.a.	n.a.
GNSS Chipset	Modem built-in	n.a.	Modem built-in	Modem built-in	n.a.	n.a.
Form Factor	miniPCIe	LGA	M2 (with miniPCIe adapter)	M2 (with miniPCIe adapter)	miniPCIe	miniPCIe
NetModule Product Codes	"-L", "-L-G"	L6004: "-L" L6004D: "-LJ"	"-Lp, -Lp-G"	"-N", "-N-G"	"-La"	"-Gr"
Technically Supported Routers	NB3800(Rev.≥C) NB3701(Rev.≥C) NB2800(Rev.≥C) NB28100(Rev.≥C) NB1800(Rev.≥C) NB1810(Rev.≥C)	NB800 (Rev.≥B03), NB1601 (Rev.≥B03), NB800 (Rev.≥A03)	NB3800(Rev.≥C) NB2800(Rev.≥C) NB28100(Rev.≥C) NB1800(Rev.≥C) NB1810(Rev.≥C)	NB3800(Rev.≥C) NB2800(Rev.≥C) NB28100(Rev.≥C) NB1800(Rev.≥C) NB1810(Rev.≥C)	NB2700, NB2800, NB2810, NB3701, NB3800(Rev.≥B)	NB1601(Rev.≥B), NB3701, NB3800(Rev.≥B)
Required NetModule Router Software	4.7.0.100 and later	4.8.0.100 and later	4.7.0.100 and later	4.7.0.100 and later	4.0.0.100 and later	4.0.0.100 and later

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Errors reserved * future FW-Module release