

EOL - Cellular	Standard LTE Modem with GNSS					5G-NR with GNSS	LTE Advanced Modems with GNSS			LTE 450	CMDA 2000
Region	EMEA			US (AT&T, Rogers)	APAC	EMEA, NA, APAC	US	EMEA, US (AT&T, Verizon, Sprint)	APAC (Telstra)	EMEA	n.a.
Modem Vendor, Type	Huawei ME909u-521	Huawei ME909s-120	u-blox TOBY-L210	u-blox TOBY-L200	u-blox TOBY-L280	Telit FN980	Sierra Wireless MC7354	Sierra Wireless MC7455	Sierra Wireless MC7430	Cellient MPL200	Cellient MPN200
Status / Effective	EOL	EOL	EOL from 31.Dez.2022	EOL	EOL	EOL replaced by FN990A28-HP	EOL	EOL from 31.Dez.2022	EOL from 31.Dez.2022	EOL	EOL
5G NR	n.a.	n.a.	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.	n.a.	n.a.	n.a.
LTE Bands	B1(2100), B2(1900), B3(1800), B5(850), B7(2600), B8(900), B20(800DD)	B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B20(800DD)	B1, B3, B5, B7, B8, B20	B2, B4, B5, B7, B17	B1, B3, B5, B7, B8, B28	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	B2(1900), B4(AWS), B13(700c), B17(700bc), B5(850), B25(1900)	B1, B2, B3, B4, B7, B12, B13, B20, B5, B25, B26(850), B29, B41, B30	B1, B3, B7, B8, B18, B19, B21, B5, B38, B40, B28, B39, B41	B3, B7, B20, B31	n.a.
DC-HSPA+/UMTS Bands (MHz)	B1(2100), B2(1900), B5(850), B8(900)	B1(2100), B2(1900), B5(850), B8(900)	B1(2100), B2(1900), B5(850), B8(900)	B1(2100), B2(1900), B4(AWS), B5(850), B8(900)	B1(2100), B2(1900), B5(850), B8(900)	B1, B2, B3, B4, B5, B6, B8, B9, B19	B1(2100), B2(1900), B4(AWS), B5(850), B8(900)	B1(2100), B2(1900), B3(1800), B4(1700), B5(850), B8(900)	B1(2100), B5(850), B6(800), B8(900), B9(1700), B19(800)	B1(2100), B8(900)	n.a.
GSM/GPRS/EDGE Bands (MHz)	B5(850), B8(900), B3(1800), B2(1900)	B5(850), B8(900), B3(1800), B2(1900)	B2(1900), B3(1800), B5(850), B8(900)	B2(1900), B3(1800), B5(850), B8(900)	B2(1900), B3(1800), B5(850), B8(900)	n.a.	B2(1900), B3(1800), B5(850), B8(900)	n.a.	n.a.	B8(900), B3(1800)	n.a.
LTE Category	3	4	4	4	4	20	3	6	6	3	n.a.
CDMA (MHz)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	450
MIMO	2x2	2x2	2x2	2x2	2x2	4x4	2x2	2x2	2x2	2x2	n.a.
Data Rates (max): downlink / uplink	100 Mbps / 50 Mbps	150 Mbps / 50 Mbps	150 Mbps / 50 Mbps	150 Mbps / 50 Mbps	150 Mbps / 50 Mbps	5.5 Gbps / 2.7 Gbps	100 Mbps / 50 Mbps	300 Mbps / 50 Mbps	300 Mbps / 50 Mbps	100 Mbps / 50 Mbps	153 Kbps / 153 Kbps
Voice, Audio	yes - GSM	n.a.	yes - CSFB	yes - CSFB	yes - CSFB	n.a.	none	n.a.	n.a.	n.a.	n.a.
GNSS Support	GPS, GLONASS	n.a.	GPS, Galileo, GLONASS, BeiDou	GPS, Galileo, GLONASS, BeiDou	GPS, Galileo, GLONASS, BeiDou	GPS, Galileo, GLONASS, BeiDou	GPS, GLONASS	GPS, Galileo, GLONASS, BeiDou	GPS, GLONASS	n.a.	n.a.
Tracking Sensitivity	Up to -154 dBm	n.a.	Up to -165 dBm	Up to -165 dBm	Up to -165 dBm	Up to -161 dBm	Up to -158 dBm	Up to -160 dBm	Up to -160 dBm	n.a.	n.a.
Assisted GPS	yes	n.a.	yes	yes	yes	yes	yes	yes	yes	n.a.	n.a.
GNSS Chipset	Modem built-in	n.a.	u-blox M8	u-blox M8	u-blox M8	Modem built-in	Modem built-in	Modem built-in	Modem built-in	n.a.	n.a.
Form Factor	miniPCIe	miniPCIe / LGA	miniPCIe / LGA	miniPCIe / LGA	miniPCIe / LGA	M2 (with miniPCIe adapter)	miniPCIe	miniPCIe	miniPCIe	miniPCIe	miniPCIe
NetModule Product Codes	"-L", "-L-G"		"-Lbb", "-Lbb-G"		"-Lg", "-Lg-G"	"-N", "-N-G"	"-Lb", "-Lb-G"	"-Ld", "-Ld-G"	"-Lc", "-Lc-G"	"-La"	"-Ca", "-Ca-G"
Technically Supported Routers (EoL not listed)	NB2700, NB2800, NB3701, NB3800	NB800 (Rev.A)	NB800(Rev≥B), NG800, NB1601 (Rev≥B), NB1800(Rev≥B), NB1810(Rev≥B), NB2700, NB2800, NB2810, NB3701, NB3800(Rev≥B)	NB800 (Rev≥B), NG800, NB1601 (Rev≥B), NB1800(Rev≥B), NB1810(Rev≥B), NB2700, NB2800, NB2810, NB3701, NB3800(Rev≥B)	NB800 (Rev≥B), NG800, NB1601 (Rev≥B), NB1800(Rev≥B), NB1810(Rev≥B), NB2700, NB2800, NB2810, NB3701, NB3800(Rev≥B)	NB3800(Rev≥C), NB2800(Rev≥C), NB2810(Rev≥C), NB1800(Rev≥C), NB1810(Rev≥C)	NB3800, NB2700, NB2800	NB1800(Rev≥B), NB1810(Rev≥B), NB2700, NB2800, NB2810, NB3800(Rev≥B)	NB1601(Rev≥B), NB1800(Rev≥B), NB1810(Rev≥B), NB2700, NB2800, NB2810, NB3800(Rev≥B)	NB2700, NB2800, NB2810, NB3701, NB3800(Rev≥B)	NB1601, NB1800, NB1810, NB2700, NB2800, NB3701, NB3800
Required NRSW	3.7.0.100 and later	4.0.0.100 and later	3.8.0.114 and later	4.2.0.104 and later	3.8.0.114 and later	4.7.0.100 and later	4.0.0.100 and later	4.0.0.100 and later	4.0.0.100 and later	4.0.0.100 and later	3.8.0.100 and later

EOL Cellular-Overview July 2025

Errors reserved

EOL - Cellular	
Region	EMEA
Modem Vendor, Type	Trionair TRM-5
Status / Effective	EOL
5G NR	n.a.
LTE Bands	n.a.
DC-HSPA+/UMTS Bands (MHz)	n.a.
GSM/GPRS/EDGE Bands (MHz)	GSM-R, B8(900), B3(1800)
LTE Category	n.a. (GPRS class 10)
CDMA (MHz)	n.a.
MIMO	n.a. (SISO)
Data Rates (max): downlink / uplink	85.6 kbps / 42.8 kbps
Voice, Audio	yes
GNSS Support	n.a.
Tracking Sensitivity	n.a.
Assisted GPS	n.a.
GNSS Chipset	n.a.
Form Factor	miniPCIe
NetModule Product Codes	"-Gr"
Technically Supported Routers (EoL not listed)	NB1601(Rev.≥B), NB3701, NB3800(Rev.≥B)
Required NRSW	4.0.0.100 and later

EOL Cellular-Overview july.2025

Errors reserved