

NetModule Vehicle Router	NB2700 Series		NB2800 Series
	NB2700	NB2710	NB2800
Ethernet	5 FE	4 FE	2 GbE
SIMs	2 mini	6 mini	4 micro
Module Slots	2	3	4
Max Cellular (onboard + module)	0 + 2	0 + 2	0 + 3
Max WiFi (onboard + module)	0 + 1	0 + 1	0 + 2
Max Antenna Connectors	5 SMA	7 SMA	10 FAKRA/SMA
Cellular Standards	LTE, HSPA+UMTS, GSM, GSM-R, LTE750, LTE450		LTE Advanced, LTE, HSPA+ UMTS, GSM, LTE750, LTE450, GSM-R
LTE Category	Cat 4		Cat 4 or Cat 6
Bands Standard Modem (other regions on request)	LTE: B1, B3, B5, B7, B8, B20 UMTS: B1, B2, B5, B8 GSM: B5, B8, B3, B2 150 Mbps down / 50 Mbps up		LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41 UMTS: B1, B2, B3, B4, B5, B8 300 Mbps down / 50 Mbps up
GNSS	modem based or GNSS Advanced module		modem based or GNSS Advanced module
WiFi standards	802.11abgn 2.4/5GHz		802.11abgn+ac 2.4/5GHz
Core System	400MHz Single Core PPC, 64MB RAM, 128MB NAND		1.3GHz Dual Core ARM, 1024MB RAM, 4GB eMMC
LTE-WiFi Throughput	40Mbps		200Mbps
LAN-WiFi Throughput	40Mbps		200Mbps
LAN-LAN Throughput	70Mbps		930Mbps
Digital I/O	2/2		2/2 on Extension (**)
Serial Port	1		1 on Extension
Extension Ports	n/a	1	1
Extension Options	n/a	IBIS, CAN, RS-232, RS-485, Audio in/out	IBIS, CAN, RS-232, RS-485, Audio in/out
Extended Data Storage	32/64GB eMMC		32/64GB eMMC, 128/256/512GB/1TB SSD
USB Port	USB 2.0 Host		USB 3.0 Host
Customer Applications	SDK		SDK, LXC Virt.
Input Voltage	24/36/48VDC		12/24VDC with IGN
Dimension w/h/d in mm	190/40/104	190/45/104	190/58/140
Weight in gr	700		1'200
Mounting Options	Wall mounting / brackets		
Temperature Range (Operational)	-25°C to +70°C		-40°C to +70°C
Compliance	CE/RED, UN ECE R10, UN ECE R118(**)		CE/RED/FCC, UN ECE R10/R118

* planned, ** under development
last modification 9.5.2019, ba