

NetModule Vehicle Router		 NB800 E-Mark	 NG800	 NB2700	 NB2800	 NB2810
Modularity	Maximum Modules	4		2	4	
	Cellular	1		2	4	
	WLAN	1			2	
	GNSS Advanced	1				
	Wired Options	1	1	-	2	
	Extended Flash	-			1	
Wireless	Cellular					
	Generation	4G, 3G, 2G				
	Standards	LTE Cat. 4, HSPA+/UMTS, EDGE/GPRS		LTE Cat. 4, HSPA+/UMTS, EDGE/GPRS, LTE450	LTE Cat. 6/Cat. 4, HSPA+/UMTS, EGDE/GPRS, LTE450	
	Regions	EMEA, NA, APAC				
	SIM	Micro eSIM on request	eSIM	2x Mini	4x Micro	
	WLAN					
	IEEE 802.11 Dual-band 2.4/5 GHz	a/b/g/n		a/b/g/n	a/b/g/n/ac	
	Others					
Positioning	Bluetooth BLE	Combined with WLAN		-		
	GNSS					
	Systems	BeiDou, Galileo, GLONASS, GPS, QZSS				
Ethernet	Advanced	-	Dead Reckoning			
	Onboard					
	LAN/WAN	1x Fast Ethernet		5x Fast Ethernet	2x Gigabit Ethernet	
Wired	Connectors	RJ45	CMC-48	RJ45	M12	
	Interfaces					
	Standard	USB 2.0	2x Automotive Fast Ethernet RS-232 2x CAN	USB 2.0 RS-232 2x Digital In, 2x Digital Out	USB 3.0 RS-232	
Storage	Options	CAN, Digital I/O, RS-232/485	Extension board	-	Audio, CAN, Digital I/O, IBIS, PTT, RS-232, RS-485	
	Type					
	Extended Flash	-		32, 64 GB		
System	SSD	-			128, 256, 512, 1'000 GB	
	Specifications					
	CPU System	1 GHz single core, 512 MB RAM, 4 GB flash	1 GHz single core, 512 MB RAM, 8 GB flash	400 MHz single core, 64 MB RAM, 128 MB flash	1.3 GHz dual core, 1 GB RAM, 4 GB flash	
	LTE-WLAN Throughput	50 Mbps	50 Mbps	40 Mbps	200 Mbps	
	LAN-WLAN Throughput	90 Mbps	100 Mbps	40 Mbps	200 Mbps	
	LAN-LAN Throughput	-	-	70 Mbps	930 Mbps	
	Software	NetModule Router Software Linux based with Network Protocols (TCP, UDP, IPv4/6, HTTP, HTTPS, MQTT), Static Routing, Dynamic Routing (OSPF, BGP) , QoS, Multipath, Mobile IP, Multicast, Redundancy (VRRP, STP/RSTP), Link Management, Services (DHCP, DNS, NTP, DynDNS, SNMP, SIP), VLAN, Stateful Firewall, VPN (IPSec, PPTP, GRE, L2TP)				
	Management	Connectivity Suite, WebManager, CLI				
	Licenses	ITxPT, FMS2IP, Voice Gateway, LXC Virtualization, eSIM Management		Voice Gateway, eSIM Management	ITxPT, FMS2IP, Voice Gateway, LXC Virtualization, eSIM Management	
	Customer Applications	LXC Virtualization, SDK, Scripting		SDK, Scripting	LXC Virtualization, SDK, Scripting	
	Maximum Antennas	5x SMA	5x FAKRA	5x SMA	9x FAKRA	
	Input Voltage	12 - 24 VDC		12 - 48 VDC		
	Maximum Consumption	10 W	10 W	8 W	20 W	
	Dimension w x h x d	111 x 32 x 110 mm	200 x 40 x 120 mm	190 x 40 x 104 mm	190 x 58 x 139.5 mm	
	Weight	250 g	520 g	700 g	1'200 g	
	Operating Temperature	-40 °C to +70 °C	-40 °C to +75 °C	-25 °C to +70 °C		
	MTBF	170'000 - 340'000 h / 19 - 38 years				
	Environment	IP40	IP69K	IP40		
Compliance	Mounting	Brackets				
	Conformity					
	Standards	CE/RED, RoHS, WEEE, REACH				
	Automotive	UN ECE R10/118, E-Mark			UN ECE R10/118, E-Mark, ITxPT	