

NetModule Railway Router		NB3701	NB3800	NB3850
Modularity	Maximum Modules	2	6	6
	Cellular	2	4	2
	WLAN	2		
	GNSS Advanced	1		
	Wired Options	-	2	
	Extended Flash	1		
Wireless	Cellular			
	Generation	4G, 3G, 2G		5G, 4G, 3G
	Standards	LTE Cat. 6/Cat. 4, HSPA+/UMTS, EDGE/GPRS, GSM-R, LTE450		5G NR, LTE Cat. 20, HSPA+/UMTS
	Regions	EMEA, NA, APAC		
	SIM	2x Mini	4x Mini	
Positioning	GNSS			
	Systems	BeiDou, Galileo, GLONASS, GPS, QZSS		
Ethernet	Onboard			
	LAN/WAN	5x Fast Ethernet	2x Gigabit Ethernet 3x Fast Ethernet	
	Connectors	M12		
Wired	Interfaces			
	Standard	USB 2.0 2x Digital In, 2x Digital Out	USB 2.0	
	Options	RS-232 (instead of Digital I/O)	Audio, CAN, Digital I/O, IBIS, RS-232, RS-485, PTT	
Storage	Type			
	Extended Flash	32, 64 GB		
	SSD	-	128, 256, 512, 1'000 GB	
System	Specifications			
	CPU System	1.3 GHz dual core, 1 GB RAM, 4 GB flash		
	LTE-WLAN Throughput	200 Mbps		
	LAN-WLAN Throughput	90 Mbps	200 Mbps	
	LAN-LAN Throughput	90 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	FMS2IP, ITxPT, Voice Gateway, LXC Virtualization, eSIM Management		
	Customer Applications	LXC Virtualization, SDK, Scripting		
	Maximum Antennas	5x TNC	11x TNC	
	Input Voltage	24 - 48 VDC optional 72 - 110 VDC		
	Maximum Consumption	15 W	25 W	
	Dimension w x h x d	190 x 85 x 104 mm	190 x 121 x 107 mm	
	Weight	1'400 g	1'900 g	
	Operating Temperature	-40 °C to +70 °C	-40 °C to +70 °C -25 °C to +55 °C with 5 or more radio modules	-40 °C to +70 °C
	MTBF	125'000 h - 210'000 h / 14 - 24 years		
Environment	IP40			
Mounting	Brackets			
Compliance	Conformity			
	Standards	CE/RED, RoHS, WEEE, REACH		
	Rail	EN 50155, EN 45545, EBA EMV 06		
Automotive	-	UN ECE R10/118, ITxPT	-	