

## &gt; FDD LTE/ TDD LTE/ WCDMA/ GSM &gt; Compact Design &gt; DIN Rail mounting



NSBon-63 4G LTE Cellular Router is highly reliable and secure wireless communications gateway designed for industrial networking. It supports multi-band connectivity including FDD/TDD LTE, WCDMA and GSM for a wide range of applications, such as Industrial IoT, outdoor video surveillance systems and vertical M2M markets. To enhance reliability, NSBon-63 is equipped with dual SIM that supports failover and roaming over to ensure uninterrupted connectivity for mission-critical communications.

With flexible LAN/WAN Ethernet options, NSBon-63 allow you to customize your professional applications in diverse environments. It also provides enterprise-grade software features, such as QoS, DMZ, VLAN, OSPF, BGP, RIP-1/2, DDNS, and etc. Featuring VPN Tunnels, Firewall, TR069, and SNMP Trap, NSBon-63 routers enhance highly secure authentication, encryption and management to protect your data efficiently between public and private networking. The device are administrated via web GUI, Telnet, SSH v2 and HTTP/HTTPS. Supporting -20~+70°C wide-temperature operation and flexible input voltage range of 10-32VDC for diverse environments.

## Features :

- ` Highly reliable and secure for mission-critical cellular communications
- ` Multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ GSM/ LTE Cat 4
- ` Built-in dual SIM for network redundancy and DI/DO interfaces
- ` Integrated dual detachable antenna against radio interference
- ` LED indicators for connection and data transmission status
- ` Industrial rated from -20 to +70°C for use in harsh environments
- ` IPv6/IPv4 dual stack and all applications are IPv6 ready
- ` Enhance security and encryption for authentication and transmission

## Technical Data



Cellular Standards and Interfaces	Management Interface
- FDD LTE/ TDD LTE/ WCDMA/ GSM	- Console/CLI, Web GUI, Telnet, SSH v2,
- LTE Cat4: 150Mbps (DL), 50Mbps (UL)	SNMP, TR069, HTTP/HTTPS
- 2 SIM card slots	LED status indicators
- 2 SMA connectors for LTE antenna	- SYS/ VPN/ SIM1/ SIM2/ Ethernet/ RSSI LTE
Hardware Interfaces	General Features
- 3 10/100Base-TX RJ45 LAN port	- Housing: IP40, DIN Rail / Wall mounting
- 1 10/100Base-TX RJ45 WAN port	- Dimensions (HxWxD): 110x60x106 mm
- 1 RS232 Console (9-pin Sub-D)	- Weight : 450 g
- 1 RS232 (TXD/RXD/GND)	- Power Input : 10 ~ 32VDC
- 1 RS485 (D+/D-)	- Power Consumption : 7W
- 2 DI / 1 DO (Non-Isolated)	- Operating Temp.: -20 ~ +70°C
- 1 SMA connector for GPS antenna (opt)	- Humidity: 0 ~ 95% (non-condensing)
- Reset Button	- EMC : CE, FCC, EAC
Network Protocols :	Routing/Firewall :
IPv4, IPv6, IPv4/IPv6 dual stack, DHCP server and client, PPPoE, Static IP, SNTP, GPS sync time, DNS Proxy, VRRP, OSPF, MQTT Broker, BGP, DDNS, QoS, UPnP	NAT, Virtual Server, DMZ, VLAN, MAC Filter, URL Filter, IP Filter, Static Routing, RIP-1, RIP-2
Alarm :	VPN :
VPN/WAN Disconnect, SNMP Trap, DI/DO, SMS, E-mail, TR069	IPSec (3DES, AES128, AES196, AES256, MD5, SHA-1, SHA256), OpenVPN, GRE, PPTP, L2TP



## Ordering Information

NSBon-63 LTP0M301 Industrial 4G LTE Cellular Router: 1 WAN, 3 LAN, 2 RS232, DI/DO, 2 SIM Card Slots