



OrionM2M

GSM MODEM

NX

FEATURES:



GSM and LTE FDD CAT1



Communicating RS-485/RS-232



Dual-sim cards



Watchdog



ESD protection



Rapid installation and deployment



High reliability and stability



Wide voltage input 85-420VAC/10-32VDC/5V USB



Transparent TCP to Serial, MQTT, LWM2M and COAP



Built-in reverse phase protection and over voltage protection



APPLICATIONS:

Utility – remote monitoring of resources | Smart building and Industrial Control | Smart Agriculture | Other wireless sensing applications

General

Enclosure material	Industrial Aluminum
Number of inputs	1
Number of outputs	2
Number of RS-485 or RS-232	1
Power supply	85-420VAC
Extra power supply	10-32VDC
Power output to target, V/mA	9/>40
EDLC backup time, seconds	30
Communicating interface	USB-C
Indicator	POWER, SIM1, SIM2, NET, STATUS
Working temperature	-20°C ... +65°C
IP Rating	IP43
Dimensions, mm	109x70x40
Weight, g	≤200
Warranty operating period, months	12

Radio

Communication standards	GSM850/900 GSM1800/1900 LTE FDD CAT1
Type of SIM	2x Mini-sim card slot
Bands	LTE: B1/B3/B5/B7/B8/B20 GSM: B2/B3/B5/B8
Module Rate	LTE FDD (Non-CA CAT 1): Max 10Mbps (DL)/5Mbps (UL) GPRS: Max 85.6kbps (DL)/85.6kbps (UL)
Signal lead	External, SMA
Transmission Power Class 1	30±2dBm
Transmission Power Class 3	23±2.7dBm
Transmission Power Class 4	33±2dBm
Protocol	TCP/MQTT/LWM2M/COAP

Order Info

SKU	Description
NX200	Multifunction Device GSM Modem 2 DI; 1 DO; RS-232; 1 USB; IP43
NX400	Multifunction Device GSM Modem 2 DI; 1 DO; RS-485; 1 USB; IP43