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2024 PRODUCT CATALOG TelcoLine-X

inquiry@niacomtech.com



USA & CANADA
EUROPE
AFRICA

www.niacomtech.com

Industrial Routers

SMALL BUSINESS

» zenX Series IoT Gateways

»» zenX1 IoT Gateway 

»» zenX2 IoT Gateway 

» netX Series Gateways

»» netX2 Gateway 

MEDIUM BUSINESS

» comX Series Routers

»» comX4 Industrial Router 

» genX Series Routers

»» genX4 Industrial Router 

»» genX4G Industrial Router 

»» genX4GD Industrial Router 

LARGE BUSINESS

» ngX Series High-Performance Routers

»» ngX4S-5G High-Performance Industrial Router 

»» ngX4D-5G High-Performance Industrial Router 

»» rXo-5G Outdoor High-Performance Industrial Router 

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Unlock the Power of Connectivity with Our Cellular IoT Gateways

Discover **zenX Series** compact, reliable cellular IoT gateways designed specifically for small businesses. These innovative devices seamlessly connect your IoT devices to the cloud, enabling real-time data transmission and monitoring. With robust security features, easy integration, and scalable solutions, our gateways empower you to optimize operations, enhance productivity, and make informed decisions. Whether you're managing smart sensors, remote equipment, or asset tracking, our cellular IoT gateways provide the connectivity you need to thrive in a connected world. Transform your business with reliable, high-performance IoT solutions today!



zenX Series IoT Gateways



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Throughput > 300Mbps



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TR069 (Optional)

Throughput > 300Mbps

netX Series Routers

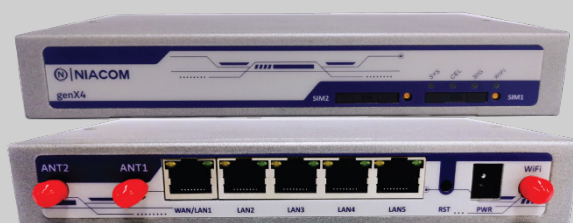


"Stay Connected Anywhere: Our Medium Size Industrial LTE Routers Deliver Reliable Performance for Your Mission-Critical Operations!"

4G routers for medium businesses are essential networking devices that enable reliable and high-speed wireless connectivity for various commercial and industrial applications. Designed to accommodate the unique needs of medium-sized enterprises, these routers come in different categories, each tailored to specific use cases. For commercial environments, routers often focus on enhanced connectivity, ease of management, and security features, making them ideal for retail, hospitality, and office settings.

In contrast, routers intended for industrial use cases are engineered for durability and performance in challenging environments, featuring rugged designs, extended temperature tolerances, and advanced protocols for data security. They are commonly utilized in sectors such as manufacturing, logistics, and energy management, supporting applications like remote monitoring, asset tracking, and automation. By bridging the gap between devices and the cloud, 4G routers empower medium businesses to leverage the Internet of Things (IoT), driving operational efficiency and improving decision-making capabilities.

genX Series Routers



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Hardware Features		Throughput > 300Mbps
	genX4-LTE	genX4-LTE/A
MODEM	CAT4 QC/ASR	CAT6 QC/ASR
REGION	EUROPE, USA, CA	EUROPE, USA, CA
INTERFACES	4 * LAN FE	4 * LAN FE
	1 * LAN/WAN FE	1 * LAN/WAN FE
	1 * LTE WAN CAT4	1 * LTE WAN CAT6
	1 * 2.4GHz WiFi	1 * 2.4GHz WiFi
	2 * SIM Slot	2 * SIM Slot
DIMENSIONS	100mm*100mm*24mm	
CELLULAR	LTE-FDD, LTE-TDD, DL2CA, WCDMA	
ENVIRONMENT	Op. Temp.	
	-40 °C ~ +75 °C	
	Op. Humidity	
	< %95 (non-condensing)	
	Weight	
	450 g.	
	IP Rating: IP54	
	Mounting	
	Dektop / Wall	
<div></div>		
Software Features		
NETWORKING	Advance routing (Static, BGP, OSPF)	
	Tunneling (IPSec, GRE, L2TP...)	
	DHCP Server, Relay	
	VLAN Support	
	NAT, PAT	
REDUNDANCY	WAN Failover (SIM Backup / WAN Backup)	
	Port Forwarding	
SECURITY	ACL, Input / Output Filters, Stateful Firewall, DDoS	
MANAGEMENT	Niatech-Cloud Platform	
	SNMP v1,v2c, v3	
	TR069 (Optional)	

genX Series Routers

Hardware Features		Throughput > 1.2Gbps	
	genX4G-LTE	genX4G-LTE/A	genX4G-LTE/+
MODEM	CAT4 QC/ASR	CAT6 QC/ASR	CAT12 QC/ASR
REGION	EUROPE, USA, CA	EUROPE, USA, CA	EUROPE, USA, CA
INTERFACES	4 * LAN Gigabit 1 * WAN GE 1 * LTE WAN CAT4 1 * 2.4GHz WiFi 2 * SIM Slot	4 * LAN Gigabit 1 * WAN GE 1 * LTE WAN CAT6 1 * 2.4GHz WiFi 2 * SIM Slot	4 * LAN Gigabit 1 * WAN GE 1 * LTE WAN CAT12 1 * 2.4GHz WiFi 2 * SIM Slot
DIMENSIONS	100mm*100mm*24mm		
CELLULAR	LTE-FDD, LTE-TDD, DL3CA, WCDMA		
ENVIRONMENT	Op. Temp. -40 °C ~ +75 °C Op. Humidity < %95 (non-condensing) Weight 450 g. IP Rating: IP54 Mounting Desktop / Wall		
		<h3>Software Features</h3> <p>NETWORKING Advance routing (Static, BGP, OSPF) Tunneling (IPSec, GRE, L2TP...) DHCP Server, Relay VLAN Support NAT, PAT</p> <p>REDUNDANCY WAN Failover (SIM Backup / WAN Backup) Port Forwarding</p> <p>SECURITY ACL, Input / Output Filters, Stateful Firewall, DDoS</p> <p>MANAGEMENT Niatech-Cloud Platform SNMP v1,v2c, v3 TR069 (Optional)</p>	

HARDWARE FEATURES

Throughput > 1.2Gbps

	genX4GD-LTE	genX4GD-LTE/A	genX4GD-LTE/+
MODEM	CAT4 QC/ASR	CAT6 QC/ASR	CAT12 QC/ASR
REGION	EUROPE, USA, CA	EUROPE, USA, CA	EUROPE, USA, CA
INTERFACES	4 * LAN Gigabit 1 * WAN GE 2 * LTE WAN CAT4 1 * 2.4GHz WiFi 2 * SIM Slot	4 * LAN Gigabit 1 * WAN GE 2 * LTE WAN CAT6 1 * 2.4GHz WiFi 2 * SIM Slot	4 * LAN Gigabit 1 * WAN GE 2 * LTE WAN CAT12 1 * 2.4GHz WiFi 2 * SIM Slot
DIMENSIONS	100mm*100mm*24mm		
CELLULAR	LTE-FDD, LTE-TDD, DL3CA, WCDMA		
ENVIRONMENT	Op. Temp. -40 °C ~ +75 °C Op. Humidity < %95 (non-condensing) Weight 450 g. IP Rating: IP54 Mounting Desktop / Wall		



SOFTWARE FEATURES

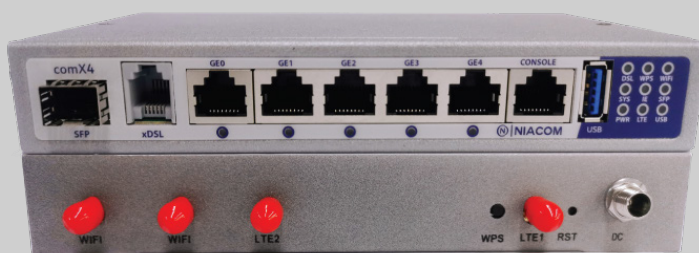
- NETWORKING
- Advance routing (Static, BGP, OSPF)
Tunneling (IPSec, GRE, L2TP...)
DHCP Server, Relay
VLAN Support
NAT, PAT
- REDUNDANCY
- WAN Failover (SIM Backup / WAN Backup)
Port Forwarding
- SECURITY
- ACL, Input / Output Filters, Stateful Firewall, DDoS
- MANAGEMENT
- Niatech-Cloud Platform
SNMP v1,v2c, v3
TR069 (Optional)

genX/GD Series Routers



"Unleash Connectivity Power: Our Industrial Grade Router with xDSL, SFP Fiber, 4G WAN, and 5 Gigabit LAN Interfaces—Engineered for Reliability in Any Environment!"

Introducing our cutting-edge Industrial Grade Router, engineered for robust performance in demanding environments. This versatile router features xDSL, SFP fiber, and 4G WAN interfaces, ensuring seamless connectivity wherever you are. With five Gigabit LAN interfaces, it supports high-speed data transfer for multiple devices, making it ideal for industrial automation, remote monitoring, and IoT applications. Built to withstand harsh conditions, our router guarantees reliable operation and enhanced network resilience, empowering your operations with the connectivity you need to succeed.



comX Series Routers



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Throughput > 1.2Gbps

ENVIRONMENT

- Op. Temp.
-40 °C ~ +75 °C
- Op. Humidity
< %95 (non-condensing)
- Weight
450 g.
- IP Rating: IP54
- Mounting
Desktop / Wall



- Advance routing (Static, BGP, OSPF)
- Tunneling (IPSec, GRE, L2TP...)
- DHCP Server, Relay
- VLAN Support
- NAT, PAT

WAN Failover (SIM Backup / WAN Backup)

ACL, Input / Output Filters, Stateful Firewall, DDoS

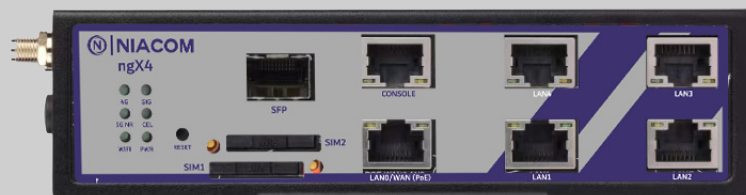
Niatech-Cloud Platform
SNMP v1,v2c, v3
TR069 (Optional)

comX4 Series Routers



"Power Your Connectivity Experience: Introducing Our High-Speed Indoor and Outdoor 5G Routers Designed for Industrial and Telco Applications."

Our state-of-the-art 5G routers provide unparalleled performance and reliability, ensuring seamless connectivity in both indoor and outdoor environments. Engineered to meet the rigorous demands of industrial applications and telecom networks, these robust routers support high-speed data transfer, low latency, and extended coverage. Whether you're deploying smart factories, enhancing urban infrastructure, or expanding network capabilities, our 5G routers empower your operations to stay ahead in the digital age. Experience the future of connectivity today!



ngX Series High-Speed Routers



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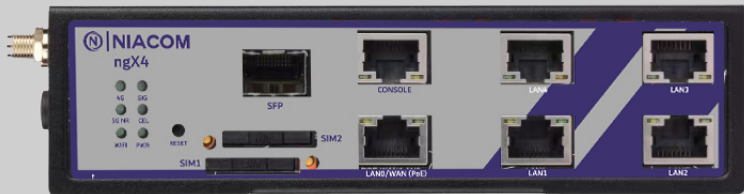
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HARDWARE FEATURES

Throughput > 2.4Gbps (Single Modem)

	ngX4-5G	ngX4D-5G
MODEM	Single 5G NR (Qualcomm SDX62)	Dual 5G NR (Qualcomm SDX62)
REGION	GLOBAL	GLOBAL
INTERFACES	5 * LAN Gigabit 1 * WAN GE 1 * SFP GE 1 * 5G NR WAN 1 * 2.4GHz WiFi 1 * 5.8GHz WiFi 2 * SIM Slot	5 * LAN Gigabit 1 * WAN GE 1 * SFP GE 2 * 5G NR WAN 1 * 2.4GHz WiFi 1 * 5.8GHz WiFi 2 * SIM Slot
DIMENSIONS	155mm*125mm*40mm	
CELLULAR	5G NR (NSA/SA), LTE-FDD, LTE-TDD, DL4CA, WCDMA	
ENVIRONMENT	Op. Temp. -40 °C ~ +75 °C Op. Humidity < %95 (non-condensing) Weight 800 g. IP Rating: IP54 Mounting Desktop / Wall	<div>SOFTWARE FEATURES</div> <div>NETWORKING</div> <div>Advance routing (Static, BGP, OSPF) Tunneling (IPSec, GRE, L2TP...) DHCP Server, Relay VLAN Support NAT, PAT Telco Grade MPLS</div> <div>REDUNDANCY</div> <div>WAN Failover (SIM Backup / WAN Backup) Port Forwarding</div> <div>SECURITY</div> <div>ACL, Input / Output Filters, Stateful Firewall, DDoS</div> <div>MANAGEMENT</div> <div>Niatech-Cloud Platform SNMP v1,v2c, v3 TR069 (Optional)</div>



ngX Series High-Speed Routers

HARDWARE FEATURES

Throughput > 2.4Gbps (Single Modem)

	rXo-5G OUTDOOR	rXoD-5G OUTDOOR
MODEM	Single 5G NR (Qualcomm SDX62)	Dual 5G NR (Qualcomm SDX62)
REGION	GLOBAL	GLOBAL
INTERFACES	3 * LAN Gigabit 1 * WAN GE (PoE) 1 * SFP GE 1 * 5G NR WAN 1 * 2.4GHz WiFi 1 * 5.8GHz WiFi 2 * SIM Slot	3 * LAN Gigabit 1 * WAN GE (PoE) 1 * SFP GE 2 * 5G NR WAN 1 * 2.4GHz WiFi 1 * 5.8GHz WiFi 2 * SIM Slot

DIMENSIONS 217mm*165mm*52mm

CELLULAR 5G NR (NSA/SA), LTE-FDD, LTE-TDD, DL4CA, WCDMA

ENVIRONMENT Op. Temp.
-40 °C ~ +75 °C
Op. Humidity
< %95 (non-condensing)
Weight
800 g.
IP Rating: IP54
Mounting
Desktop / Wall



SOFTWARE FEATURES

NETWORKING

Advance routing (Static, BGP, OSPF)
Tunneling (IPSec, GRE, L2TP...)
DHCP Server, Relay
VLAN Support
NAT, PAT
Telco Grade MPLS

REDUNDANCY

WAN Failover (SIM Backup / WAN Backup)
Port Forwarding

SECURITY

ACL, Input / Output Filters, Stateful Firewall, DDoS

MANAGEMENT

Niatech-Cloud Platform
SNMP v1,v2c, v3
TR069 (Optional)

ngX Series High-Speed Routers



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INDUSTRIAL ROUTERS & GATEWAYS

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"Empower Your Network: Transform Connectivity Management with Our Remote Monitoring and Management Platform for Industrial 4G and 5G Routers!"

Discover the future of connectivity management with our Remote Monitoring and Management Platform, specifically designed for high-performance industrial 4G and 5G routers. This innovative solution offers an intuitive interface that allows you to monitor, manage, and optimize your network infrastructure from anywhere, ensuring you stay in control of your critical operations.

Key Benefits:

Real-Time Insights: Gain immediate access to performance metrics and alerts, enabling rapid response to network issues and enhancing overall reliability.

Centralized Control: Effortlessly manage multiple devices and configurations from a single, user-friendly dashboard, streamlining your network operations.

Proactive Maintenance: Reduce downtime with automated fault detection and proactive alerts, keeping your applications running smoothly without interruptions.

Scalable Solutions: Adapt to your growing needs with a platform that accommodates a diverse range of devices and easy scalability for future expansion.

Enhanced Security Measures: Safeguard your industrial network with advanced security features and regular system updates to thwart emerging threats.

Elevate your operations with our Remote Monitoring and Management Platform, ensuring that your industrial 4G and 5G connectivity solutions are not only high-performing but also efficient and secure. Experience the next level of network management today!

Niatech.Cloud MM Platform

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INDUSTRIAL ROUTERS & GATEWAYS

USE CASE	Cloud Use over Internet
	On-Premise Private Deployment
FEATURES	WEB Based User-Friendly UI
	Top to down role base user management
	User security logging
	Customized List views
	Various KPIs to monitor;
	Connectivity Health
	Failover Status
	Configuration Highlights
	Customized Alarm Thresholds
	Pull/Push configuration parameters individually
	Group base data collection
	Long-Term statistics creation
	Self monitoring AI
	Zero-Touch deployment (Over Radio)
	Compliance with all NIACOM TelcoLine-X product line

Niatech.Cloud MM Platform



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INDUSTRIAL ROUTERS & GATEWAYS

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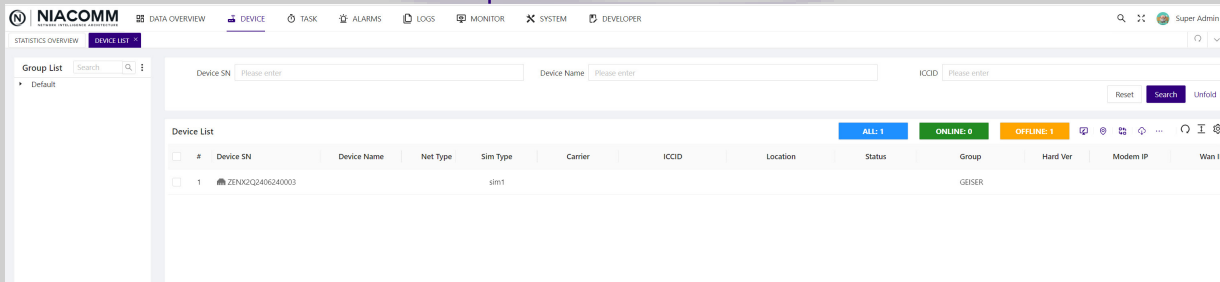
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NIACOM Management and Monitoring Cloud Platform
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WEB-Based User Fiendly UI

Automated Statistics Creation

Various Monitoring KPIs for troubleshooting
& Network Health Information



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Thank You!

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