Industrial Router
Feature Product Comparison

DIGI

	Digi IX10	Digi IX20	Digi IX30	Digi IX40
Industry	Energy, industrial, retail, smart cities	Energy, industrial, retail	Energy, industrial, smart cities	Industry 4.0, energy, smart cities
Use cases	Utilities, oil and gas, renewable energy, environmental monitoring, transaction/unattended retail, manufacturing and automation	Transaction/unattended retail, building auto and security, renewable energy, utilities	Utilities, oil and gas, traffic management, renewable energy	Manufacturing process automation, industrial automation and control, precision monitoring and control, condition-based monitoring, predictive maintenance, advanced robotics, digital signage, utilities, oil and gas, traffic management
Rugged enclosure	✓	✓	✓	✓
Cellular modems	Options: LTE Cat 4, LTE-A Cat 6 (CBRS-only)	Digi CORE® Plug-In Modem Options: LTE Cat M1, NB-IoT, LTE Cat 4, LTE Cat 7	LTE Cat 4, LTE-A Cat 7	5G/4G LTE Cat 19 4G LTE Cat 12
Frequencies/bands	See datasheets for globally supported bands			
Multi-carrier	✓	✓	✓	✓
Serial ports	RS-232/485 (RJ-45)	RS-232 (DB-9)	RS-232/422/485 (DB-9 DTE)	RS-232/422/485 (DB-9 DTE)
Ethernet ports	1	2	2	4
SFP ports	0	0	0	2
Power	9 – 30 VDC	9 – 30 VDC	9 – 30 VDC	9 – 30 VDC
Edge compute	✓	✓	✓	✓
Dual SIM	✓	✓	✓	✓
Digi Remote Manager®	✓	✓	✓	✓
Foundational product line values	✓ **Security:** Stateful firewall, integrated VPN, Digi TrustFence®: Enterprise authentication and encryption, secure boot, protected ports, secure storage, secure connection ✓ **Resiliency:** Advanced routing protocols for network failover, Digi SureLink® to monitor and re-establish connections			

Enterprise Router
Feature Product Comparison

DIGI

	Digi EX12	Digi EX15	Digi EX50 5G
Industry	Retail, financial, medical	Retail, financial, medical, SOHO	Retail, smart factories, warehouses, construction, infrastructure sheds, SOHO
Cellular modems	LTE Cat 4	Digi CORE Plug-In Modem Options: LTE Cat 4, LTE-A Cat 7, LTE-A Pro Cat 18	5G NR / LTE-A Pro Cat 20
Frequencies/bands	See datasheets for globally supported bands		
Multi-carrier	✓	✓	✓
WAN failover	✓	✓	✓
Serial ports	RS-232 (RJ-45)	RS-232 (RJ-45)	RS-232 (RJ-45)
Ethernet ports	2x 10/100 Mbps	2x 1 Gbps	2x 2.5 Gbps
Power	18 VDC	18 VDC	19 VDC
Edge compute	✓	✓	✓
Dual SIM	✓	✓	✓
Digi Remote Manager®	✓	✓	✓
Foundational product line values	✓ **Security:** Stateful firewall, integrated VPN, Digi TrustFence®: Enterprise authentication and encryption, secure boot, protected ports, secure storage, secure connection ✓ **Resiliency:** Advanced routing protocols for network failover, Digi SureLink® to monitor and re-establish connections		

Transportation Router
Feature Product Comparison

DIGI

	Digi TX40 5G	Digi TX54 5G	Digi TX64 5G	Digi TX64 5G Rail
Industry	First responders, industrial, public safety, smart cities, fleet management	Transportation, traffic management, industrial, energy	Transportation, industrial, energy	Transportation, on-board heavy and light railways and metros
5G	5G Sub-6, 4x4	Single or dual 5G Sub-6, 4x4 (+ 2x2)	5G Sub-6 and 4G LTE Cat 20 4x4	5G Sub-6, 4x4
Frequencies/bands	See datasheets for globally supported bands			
Multi-carrier	✓	✓	✓	✓
Wi-Fi	Wi-Fi 6 (802.11ax), 2.4/5 GHz, 2x2, dual-band concurrent	Wi-Fi 5 (802.11ac) 2.4/5 GHz 2x2 dual-band concurrent (dual Wi-Fi option)	Wi-Fi 6 (802.11ax), 5 GHz, 4x4 and Wi-Fi 6 (802.11ax), 2.4/5 GHz, 2x2	Dual Wi-Fi 6 (802.11ax), 2.4/5 GHz, 2x2 dual-band concurrent
Serial ports	RS-232 (DB-9)	RS-232 (DB-9)	RS-232 (DB-9)	RS-232 (DB-9)
Ethernet ports	2 (10/100/1000 RJ-45)	4 (10/100/1000 RJ-45)	4 (10/100/1000 RJ-45)	4 (10/100/1000 M12)
Power	7 – 36 VDC, ignition sense	7 – 36 VDC, ignition sense	7 – 36 VDC, ignition sense	7 – 36 VDC, ignition sense
Edge compute	✓	✓	✓	✓
Dual SIM	✓	✓	✓	✓
Digi Remote Manager®	✓	✓	✓	✓
Foundational product line values	✓ **Security:** Stateful firewall, integrated VPN, Digi TrustFence®: Enterprise authentication and encryption, secure boot, protected ports, secure storage, secure connection ✓ **Resiliency:** Advanced routing protocols for network failover, Digi SureLink® to monitor and re-establish connections			

Router Feature Product Comparison

DIGI

Creating a fully digital ecosystem requires a robust, secure communication infrastructure to accommodate data delivery between widely dispersed devices and facilities. Digi cellular solutions help you expand into areas previously too difficult and/or costly to access, making your systems more productive, more responsive and more secure.

Digi Remote Manager®

The one place to go to better manage, monitor, configure and protect all your remote devices.

Dashboard displays status of field devices and lets you complete tasks for your entire network in minutes

- Set performance thresholds and inspect individual devices
- View the summary status of device groups
- Report and alert on performance statistics
  - Connection history and signal quality
  - Latency, data usage and packet loss
- Edit configurations and update firmware
- Over 175 security controls protect your data

Digi Remote Manager includes:

Device health metrics — Set the performance parameters for healthy devices and create reports and alarms to stay ahead of issues.

Compliance and security — Maintain security compliance (e.g., PCI, HIPAA, NIST) by defining a gold standard configuration, and then scanning and fixing any out-of-compliance devices.
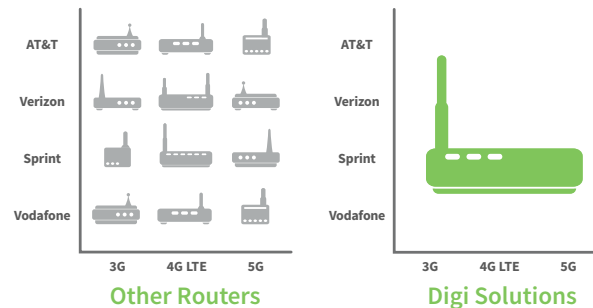
Firmware updates — Schedule firmware updates to groups of devices en masse.

Digi Routers Are Network-Agnostic

Only Digi can supply you with the pre-certified cellular routers and gateways for use around the world — with the support and expertise you need to keep your mission-critical applications up and running, with network-wide visibility and control to manage your assets.

3G / 4G LTE and 5G

	3G	4G LTE	5G
AT&T			
Verizon			
Sprint			
Vodafone			

Other Routers

	3G	4G LTE	5G
AT&T			
Verizon			
Sprint			
Vodafone			

Digi Solutions

- Network certification by major global carriers
- Regional telco/trade certifications
- Over 200 Digi in-region technical support resources

When Security Matters Most

Cyberattacks are a very hot topic — and a very real threat. That's why Digi 5G/LTE routers support advanced VPN, firewall, encryption and authentication tools to ensure robust security and data privacy.

Digi TrustFence® gives you integrated security that simplifies connecting devices in order to more easily ensure device security, device identity and data privacy capabilities.

DIGI TRUSTFENCE

- Secure boot — Ensures only signed software images can run on a device
- Encrypted storage — Local file system encryption keeps internal device data safe
- Protected ports — Access-controlled internal and external ports prevent unwanted "back doors"
- Configuration best practices and monitoring — Support and guidelines for properly securing a device

Digi Cellular Routers

Digi 4G LTE and 5G cellular solutions provide the communications backbone in three broad categories — enterprise, industrial, and transportation/mobile — to reliably and securely connect people, machines and data, anywhere, anytime. Our cellular routers are fully integrated solutions, dedicated to supporting the most mission critical needs, with rapid deployment, secure edge computing capabilities, and highly resilient connections, as well as monitoring, troubleshooting and out-of-band management.

About Digi International

Digi International (NASDAQ: DGII) is a leading global provider of IoT connectivity products, services, and solutions. It helps companies create next-generation connected products and deploy and manage critical communications infrastructures in demanding environments with high levels of security and reliability. Founded in 1985, Digi has helped customers connect more than 100 million things and counting. For more information, visit www.digi.com.