Digi TX65 5G



Rugged 5G transportation router family delivering secure, high-performance connectivity and centralized management for fleet, transit and public safety applications

Designed for demanding transportation, public safety and mobile industrial environments, **Digi TX65 5G** delivers secure, high-performance connectivity for vehicles operating at speed and at scale. Whether enabling passenger Wi-Fi and fare collection on transit systems, supporting real-time video and CAD/AVL in emergency response vehicles, or connecting field technicians and mobile assets, Digi TX65 keeps critical systems online and prioritized. Its rugged design and advanced 5G capabilities ensure reliable performance across dense urban corridors, remote routes and rapidly changing network conditions.

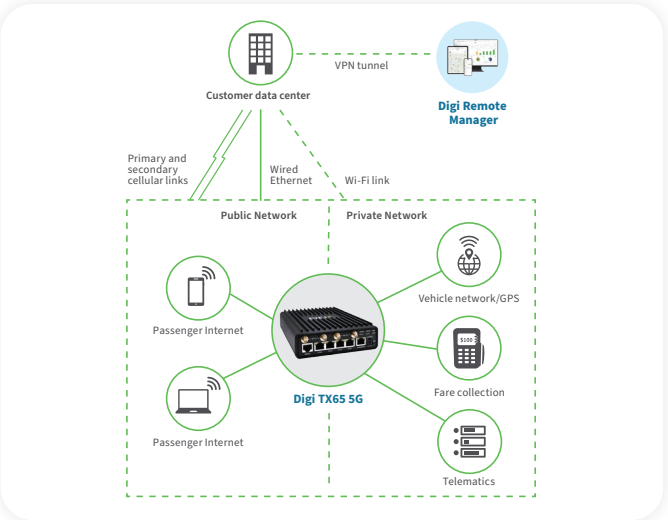
Digi TX65 includes the **Digi 360** solution, providing access to **Digi Remote Manager** (DRM) for centralized deployment, configuration and ongoing management. Organizations can rapidly provision devices, monitor health and performance, enforce security policies and receive real-time alerts across their entire fleet. Remote updates and out-of-band access reduce downtime and eliminate costly manual intervention, while built-in intelligence prioritizes operational traffic such as onboard systems, public safety data or telemetry, and allocates remaining bandwidth for passenger or auxiliary use.

Digi TX65 integrates easily into existing ecosystems with support for captive portals, branded user experiences and third-party security or filtering services. Flexible configurations—including single or dual Wi-Fi radios and optional dual-modem variants—enable resilient, multi-carrier connectivity for uninterrupted service. GNSS supports location-aware applications and fleet tracking, while ignition-aware power and secure connectors ensure dependable operation in harsh vehicle environments.

Security is built in at every layer. Digi TX65 is supported by **Digi TrustFence** and managed through SOC 2® Type 2–compliant **Digi Remote Manager**, delivering secure access, continuous monitoring and lifecycle protection. With support for **FirstNet Trusted**™ and **Verizon Frontline**, along with **FIPS 140-3**–aligned security capabilities, Digi TX65 is ready to meet the demands of mission-critical communications for public safety and essential services.

Key features, benefits and applications

- 5G eMBB vehicle router family based on Qualcomm SDX72
- Built on a 3GPP Release 17 5G platform enabling higher uplink performance, improved spectral efficiency and enhanced support for public safety and mobility use cases
- Each modem includes dual 4FF SIM slots; 5B modem adds an embedded **eSIM** for zero-touch device setup
- Wi-Fi 7 tri-band, dual-concurrent 2.4 and 5/6 GHz per radio, with single or dual-radio options
- Multi-gigabit Ethernet: 2.5 GbE WAN and four 1 GbE LAN ports
- Optional dual-modem configuration for multi-carrier resilience
- GNSS support for fleet visibility and location-aware applications
- Locking USB-C and RJ50 serial for secure peripheral connections
- Ignition-aware power with 9 to 36 VDC vehicle integration input
- Includes the **Digi 360** solution with warranty, customer care and SOC 2 Type 2-compliant **Digi Remote Manager** cloud management to mass configure, deploy and maintain in-vehicle devices
- **Digi SAFE** complete solution for emergency vehicle connectivity
- **Digi Remote Reach** support for secure peer-to-peer browser access to downstream IT and OT devices without VPNs or cloud proxies
- Value-added services include **DANI** AI-powered network operations, **Digi Containers**, **Digi WAN Bonding** 5G/LTE WAN aggregation and failover and **Digi Mobile VPN** secure, persistent mobile connectivity



Digi TX65 5G transportation router solutions


Digi TX65 5G
TX65-5B-1N


Digi TX65 5G
TX65-5B-2N


Digi TX65 5G
TX65-5B5A-2N


Digi Remote Manager

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DIGI TX65 5G WITH DIGI 360

Digi 360

Digi 360 offers comprehensive IoT packaged solutions, including purpose-built devices, software and services to help customers optimize their IoT investments and maximize ROI. These solutions are designed to simplify IoT complexity, and ease the challenges enterprises face in configuring, deploying and managing their IoT initiatives. Your Digi 360 subscription is included with the purchase of **Digi TX65 5G**, complete with SOC 2 Type 2-compliant Digi Remote Manager, warranty and customer care. **Learn more at digi.com/digi360**.

Management
Digi Remote Manager, our network orchestration platform, provides complete visibility and control, with configuration, remote monitoring, automation, security and OTA software update capabilities.

Device
High-performance, purpose-built Digi devices, with integrated software, designed to meet the requirements of a wide range of enterprise, industrial, medical and transportation use cases.

360

Warranty
Device warranty covering the full length of the Digi 360 subscription, to help customers maximize their technology investment while limiting risk.

Customer Care
The support plan provides 24 x 7 x 365 tier 1 support with 4-hour SLA for device and network troubleshooting to ensure customers can resolve issues quickly.

Value-Added Services

DANI

AI-powered operational intelligence for Digi Remote Manager

DANI (Digi Artificial Network Intelligence) is a conversational AI agent built natively into **Digi Remote Manager**, available as a value-added service. Operating directly within DRM, DANI has real-time access to device telemetry, cellular data, firmware state and configuration history.

Through DANI, operations teams can query device fleets, investigate connectivity issues, analyze telemetry and generate operational insights using plain language. No scripts, dashboards or specialized expertise required.

Digi Containers



Digi Remote Manager enables deployment of custom applications via containers

Digi Containers simplify and centralize the process of building, deploying and running custom applications on devices managed with **Digi Remote Manager** as the central portal. Containers with custom programs or Python applications can be loaded via Digi RM on any device running the **Digi Accelerated Linux** operating system (DAL OS).

As an add-on service to Digi Remote Manager, Digi Containers are a powerful capability implemented via Lightweight Linux Containers (LXC). LXC tools enable developers to package up a custom application, with its dependencies and configuration, into a lightweight, portable bundle that shares only the running kernel with the host device.

Digi WAN Bonding



Resilient connectivity and maximum performance across multiple connections

Digi WAN Bonding combines multiple connections into a seamless and resilient connectivity solution that ensures optimal performance and maximum uptime anywhere around the world.

Digi devices provide a range of connectivity options including cellular failover with features such as **Digi SureLink**, policy-based routing and interface bonding. These features are excellent at preventing any external network failures from causing downtime.

Digi Mobile VPN



Secure VPN service with persistent connectivity for critical communications

Digi Mobile VPN enables users to create a secure connection between their data centers and the Digi router, including connected (wired or wireless) edge devices. Digi Mobile VPN offers persistent, secure connectivity, utilizing SOC 2 Type 2-compliant **Digi Remote Manager** as the central portal for orchestrating the mobile VPN setup and deployment.

This functionality is particularly important for public sector, emergency response and mass transit applications that require secure and reliable connections in first responder vehicles, buses, trains and paratransit vans.

*DANI, Digi Containers, Digi WAN Bonding and Digi Mobile VPN are available as value-added services with Digi Remote Manager.

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DIGI TX65 5G WITH DIGI 360

Management and Security

Build. Deploy. Manage.

Digi Remote Manager (DRM)

Digi Remote Manager is a proven technology platform that gives network teams centralized visibility and control across distributed IoT deployments.

DRM transforms a multitude of dispersed IoT devices into a dynamic, intelligent network. It's easy to deploy, monitor and diagnose thousands of mission-critical devices from a single point of command on a desktop, tablet or phone. All the while, software-defined security diligently safeguards your entire Digi ecosystem. **Learn more at digi.com/digi-remote-manager.**

DRM infrastructure and security

- Hosted in a commercial-grade cloud server environment that meets SOC 1®, SOC 2®, SOC 2® Type 2 and SOC 3® standards
- Superior availability, operating at 99.9% or greater uptime
- Open APIs are available to support application development
- Comprehensive security controls to protect your data
- Member of the Center for Internet Security® (CIS)
- Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more
- Earned Skyhigh's CloudTrust Program highest rating of Enterprise-Ready

Digi Accelerated Linux (DAL OS)

DAL OS is Digi's standard operating system integrated across an entire range of connected devices. Developed for speed and simplicity, DAL OS enables advanced capabilities that support today's demanding applications. **Learn more at digi.com/DAL.**



Data plans, DRM and DAL OS capabilities

- **Data plans:** simple, cost-effective global cellular connectivity
- **DAL OS with SOC 2 Type 2-compliant Digi Remote Manager:** remote console access, configuration templates, HTTP proxy, device event logs, configurable maintenance window
- **Digi MCP Server:** make your Digi infrastructure AI-ready — instantly and securely, without added integration complexity
- **Digi Remote Reach:** secure peer-to-peer browser access without VPNs or cloud proxies
- **Serial:** Modbus, serial-over-TCP/UDP
- **Customization:** Python 3, Python pip, PyCharm integration, shell scripting, containers, MQTT client
- **Troubleshooting:** iPerf, Ookla Speedtest®, Find Me device discovery
- **GNSS:** NMEA/TAIP location forwarding to servers, geo-fencing
- Activate, monitor and diagnose your mission-critical devices through a single portal
- Schedule key operations — including firmware updates and file management — on a device or group of devices, keeping network functionality up-to-date and maintaining compliance standards
- Manage edge devices out-of-band via console terminal access
- Monitor equipment health and connectivity across deployments
- Create detailed reports and real-time alerts for specified conditions
- Integrate device data through open APIs to gain deeper insights and control with third-party applications
- Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

Digi TrustFence

The Digi TrustFence device security framework simplifies the process of securing multiple connected devices.

DIGI TRUSTFENCE

Designed for mission-critical applications, **Digi TrustFence** enables users to easily integrate device security, device identity, and data privacy capabilities into product design. Together with SOC 2 Type 2-compliant Digi Remote Manager, Digi TrustFence delivers unified, auditable security and compliance from device to cloud.

Learn more at digi.com/trustfence.

Built-in Security. Delivered.

- **Secure boot:** Programs and code running on the device are validated to be from an approved source or manufacturer
- **Protected hardware ports:** Internal and external I/O ports are hardened and access-controlled to prevent unwanted intrusion
- **Authentication:** Data authentication and device identity management options, with updated user and password settings
- **Secure connections:** Latest encryption protocols for data in motion and over-the-air (OTA) transmissions to ensure integrity
- **Ongoing monitoring and support:** Ongoing threat measurement and monitoring services, with external security audits

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DIGI TX65 5G WITH DIGI 360

Specifications



Manage and configure Digi TX65 5G with Digi Remote Manager

Specifications	Digi TX65 5G with Digi 360*
WIRELESS INTERFACES	
CELLULAR / WWAN**	
"5B" MODEM: 5G NR SUB-6 GHZ QUALCOMM SDX72, COMPLIANT WITH 3GPP RELEASE 17, WITH LTE FALLBACK AND DUAL SIM DUAL STANDBY (DSDS)	5G NR Sub-6: n2, n5, n7, n12, n13, n14, n25, n26, n29, n30, n38, n41, n48 **CBRS**, n66, n70, n71, n77, n78; 4G LTE-Advanced Pro: B2, B4, B5, B7, B12, B13, B14 **FirstNet®**, B17, B25, B26, B29, B30, B38, B41, B42, B43, B48 **CBRS**, B66, B71 Power Class 1.5 (29 dBm): n38, n41, n77, n78
"5A" MODEM: SECONDARY 5G NR 3GPP RELEASE 16 SUB-6 GHZ WITH LTE FALLBACK	5G NR Sub-6: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48 **CBRS**, n66, n71, n75, n76, n77, n78, n79, C-band; 4G LTE-Advanced Pro: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14 **FirstNet®**, B17, B20, B25, B26, B28, B29, B30, B32, B38, B40, B41, B42, B43, B46, B48 **CBRS**, B66, B71; WCDMA: B1, B2, B3, B4, B5, B6, B8, B19 Power Class 1.5 (29 dBm): n41, n77, n78, n79
CONNECTORS	Single cellular models: (4) 50 Ω SMA (center pin: female) Dual cellular models: (8) 50 Ω SMA (center pin: female)
SIM SLOTS	(2) Nano-SIM (4FF) slots; dual standby; soldered MFF2 **Digi eSIM** with eUICC (SGP.32) for remote provisioning and carrier switching (user selectable between one of the 4FF and eSIM slots)
SIM SECURITY	SIM slot cover plate with security screws included
WI-FI	
TECHNOLOGY	Single or dual Wi-Fi 7 (802.11 a/b/g/n/ac/ax/be) radios each supporting tri-band dual-concurrent 2.4 and 5/6 GHz operation
SECURITY	WPA2 and WPA3 Personal and Enterprise, Open and Open Enhanced security standards
HOTSPOT	Captive portal with customizable splash page, terms and conditions, shared password, user-specific password, RADIUS authentication
THIRD-PARTY SERVICES	Content filtering, embedded advertising
MODES	Up to 8 access points and up to 64 clients
CONNECTORS	Single Wi-Fi: (2) 50 Ω RP-SMA (center pin: male) Dual Wi-Fi: (4) 50 Ω RP-SMA (center pin: male)
GNSS	
TECHNOLOGY	GPS, Galileo, BeiDou, GLONASS and QZSS with multiple geofence support
SENSITIVITY	Acquisition sensitivity: −147 dBm; Tracking sensitivity: −158 dBm; Accuracy (open sky): 1.5 m (4.92 ft)
PROTOCOL	NMEA 0183 4.0, TAIP
CONNECTOR	(1) 50 Ω SMA (center pin: female); +3.3 VDC active antenna drive
WIRED INTERFACES	
ETHERNET	
PORTS / CONNECTOR	(1) WAN 2.5 GbE, RJ-45; (4) LAN 1 GbE, RJ-45 All ports WAN/LAN switchable
SERIAL	
PORTS / CONNECTOR	(1) EIA RS-232 DTE / RS-485, 10-pin RJ-50
USB	
PORTS / CONNECTOR	(1) USB 3.1 with DRD (Dual-Role Data) / DRP (Dual-Role Power) support, Type-C
GPIO	
PORTS / CONNECTOR	(1) Digital I/O and (1) ignition sense included with the 4-pin Molex power input connector

*Includes the **Digi 360** solution for **Digi TX65 5G** (1-year) with **Digi Remote Manager**, **warranty** and **customer care**.
Visit **digi.com/resources/certifications for latest certifications and updates.

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DIGI TX65 5G WITH DIGI 360

Specifications and Warranty



Manage and configure Digi TX65 5G with Digi Remote Manager

Specifications	Digi TX65 5G with Digi 360*
SOFTWARE AND MANAGEMENT*	
REMOTE MANAGEMENT	Digi Remote Manager (cloud based); SNMP v2c/v3 (user installed/managed)
LOCAL MANAGEMENT	Web UI (HTTPS); CLI (SSH, serial)
MANAGEMENT TOOLS	SFTP, SCP; protocol analyzer with PCAP for Wireshark; event logging with Syslog
MEMORY	
RAM / FLASH	2 GB / 8 GB
PHYSICAL	
DIMENSIONS	192 mm x 133 mm x 43 mm (7.56 in x 5.24 in x 1.69 in)
WEIGHT	1.1 kg (2.5 lbs)
STATUS LEDS	Power, WWAN 1, WWAN 2, Wi-Fi 1, Wi-Fi 2, GNSS
ENCLOSURE / RATING	Aluminum alloy / IP64
POWER REQUIREMENTS**	
POWER INPUT	9–36 VDC; power source required (TX65-5B-1N: 22 W, TX65-5B-2N: 30 W, TX65-5B5A-2N: 36 W); ignition sense, reverse polarity protection 4-pin Molex or locking USB-C power input (USB PD 3.0 source required; 12 V, 36 W recommended)
POWER CONSUMPTION	18 W typical (idle); 36 W (peak RF Tx/Rx —TX65-5B5A-2N)
ENVIRONMENTAL	
OPERATING TEMPERATURE	–40 °C to 75 °C (–40 °F to 167 °F)
STORAGE TEMPERATURE	–40 °C to 85 °C (–40 °F to 185 °F)
RELATIVE HUMIDITY	5% to 95% (non-condensing) at 25 °C (77 °F)
APPROVALS***	
CELLULAR	PTCRB, AT&T, AT&T FirstNet, T-Mobile, Verizon, Verizon Frontline Visit digi.com/resources/certifications for latest cellular certifications
SAFETY	IEC 62368
VEHICLE	SAE J1113, ISO 16750-2, EN 50155
EMISSIONS / IMMUNITY	FCC Part 15 Class B, ICES-003
PROCUREMENT COMPLIANCE	TAA compliant; can support FTA Buy America and BABA procurement requirements
ENVIRONMENTAL	MIL-STD-810H (temperature, humidity, vibration, shock, dust and salt fog)
WARRANTY****	
PRODUCT WARRANTY	1-year

*Includes the Digi 360 solution for Digi TX65 5G (1-year) with Digi Remote Manager, warranty and customer care.
**76002161 (18 VDC, 1.66 A / ~30 W max) supports TX65-5B5A-2N bench evaluation only, not full-load operation. For production use, power via the included Molex DC power cable (63000484-01) from a source meeting TX65 input requirements.
***Visit digi.com/resources/certifications for latest certifications and updates.
****Product warranty can be extended with Digi 360 extensions or renewals.
*****For a comprehensive list of operating system features, please visit www.digi.com/solutions/by-technology/dal-operating-system/features.

5G FIRSTNET Built with AT&T VerizonFrontline OnGo

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DIGI TX65 5G WITH DIGI 360

Photos



Manage and configure Digi TX65 5G with Digi Remote Manager

Digi TX65 5G Product Photos

Digi TX65-5B5A-2N



Digi TX65-5B-2N — front



Digi TX65-5B5A-2N — back



Digi TX65-5B-1N — front



Digi TX65-5B5A-2N — top



Digi TX65-5B-1N / Digi TX65-5B-2N — back



Digi TX65-5B5A-2N — right



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DIGI TX65 5G WITH DIGI 360

Part Numbers

Part Numbers	Digi TX65 5G with Digi 360*
TX65-5B-1N	Digi TX65 — 5G/LTE vehicle / industrial router with Wi-Fi 7 tri-band, North America
TX65-5B-2N	Digi TX65 — 5G/LTE vehicle / industrial router with dual Wi-Fi 7 tri-band, North America
TX65-5B5A-2N	Digi TX65 — 5G/LTE vehicle / industrial router with dual Wi-Fi 7 tri-band and dual cellular, North America

*Includes the **Digi 360** solution for **Digi TX65 5G** (1-year) with **Digi Remote Manager**, **warranty** and **customer care**.

Part Numbers	Available Accessories**
76000240	RJ50 to DB9 male adapter
76002168	DC power and GPIO cable
76002106	RJ50-to-RJ50 Ethernet cable (for Cisco networking equipment)
DIGI-ESIM-A	Digi eSIM — 2FF triple-cut layout accessory for flexible, secure and reliable cellular connectivity with remote carrier switching
76002161	AC/DC Power Supply***
76002171	USB-C locking cable

**4-pin/4-wire Molex power cable, vehicle mounting brackets and screws, quick start / welcome card, regulatory and safety insert, and loose duplicate product label are included with Digi TX65 5G. All other accesssories are sold separately, unless otherwise noted.
***76002161 (18 VDC, 1.66 A / ~30 W max) supports TX65-5B5A-2N bench evaluation only, not full-load operation. For production use, power via the included Molex DC power cable (63000484-01) from a source meeting TX65 input requirements.

Part Numbers	Digi 360 Extensions and Renewals
DIGI360-TX65-EXT-2YR	Digi 360 extension for two additional years for Digi TX65
DIGI360-TX65-EXT-4YR	Digi 360 extension for four additional years for Digi TX65
DIGI360-TX65-REN-1YR	Digi 360 renewal for one additional year for Digi TX65
DIGI360-TX65-REN-3YR	Digi 360 renewal for three additional years for Digi TX65
DIGI360-TX65-REN-5YR	Digi 360 renewal for five additional years for Digi TX65

Part Numbers	Value-Added Services
DIGI-RM-AI-STARTER-1YR	DANI Starter — per-user seat license, DRM AI assistant, pooled account credits, annual term
DIGI-RM-AI-PRO-1YR	DANI Pro — per-user seat license, DRM AI assistant, larger pooled credit allotment, annual term
DIGI-RM-PRM-CS	Digi Containers subscription — 1-year subscription
DIGI-SRV-WB-TIER1-1YR	Digi WAN Bonding subscription with 100 Mbps max throughput — 1-year subscription
DIGI-SRV-WB-TIER2-1YR	Digi WAN Bonding subscription with 200 Mbps max throughput — 1-year subscription
DIGI-SRV-WB-TIER3-1YR	Digi WAN Bonding subscription with 1 Gbps max throughput — 1-year subscription
DIGI-SRV-MVPN-TIER1-INSTALL	Digi Mobile VPN installation, less than 500 routers (one-time fee, installation for subscriptions up to 500 routers)
DIGI-SRV-MVPN-PR-TIER1-1YR	Digi Mobile VPN subscription (Primary Responder), less than 500 routers — 1-year subscription
DIGI-SRV-MVPN-TIER1-1YR	Digi Mobile VPN subscription, less than 500 routers — 1-year subscription

For more information, visit digi.com.

For more information about Digi TX65 5G, visit **www.digi.com/tx65-5g**.

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