



Digi EX60 5G

Next-generation 5G enterprise branch router with Wi-Fi 7, 2.5 GbE and centralized fleet management for distributed enterprise environments

Designed for the distributed enterprise, Digi EX60 is a compact 5G branch router that delivers multi-gigabit, always-on connectivity for retail stores, branch offices, quick-service restaurants and other fixed-location environments.

Built on the Qualcomm SDX72 platform and compliant with 3GPP Release 17, Digi EX60 combines 5G eMBB with LTE fallback, Wi-Fi 7 tri-band, dual-concurrent radios and a 2.5 GbE WAN port that supports full 5G throughput without wired bottlenecks.

Four 1 GbE LAN ports connect point-of-sale terminals, kiosks, digital signage and back-office systems. Locking USB-C and an RJ-50 serial port provide out-of-band management of connected equipment. Dual SIM slots with software-selectable carrier switching deliver carrier flexibility and seamless failover.

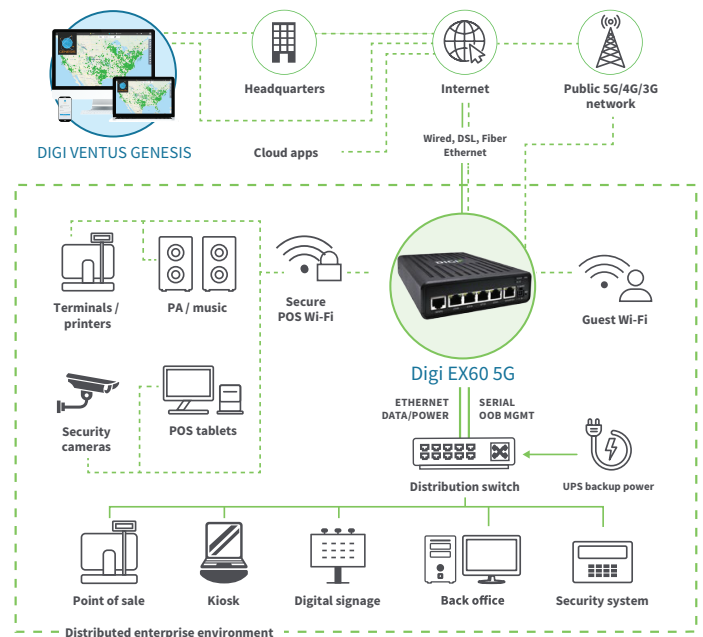
Digi EX60, combined with Digi Ventus fully managed solutions, delivers a SOC 2 Type 2-compliant managed service that integrates a plug-and-play device, multi-carrier connectivity, and 24x7x365 technical support for maximum uptime. Digi EX60 meets the FIPS 140-3 cybersecurity standard and is protected by the Digi TrustFence security framework.

With Digi Ventus, organizations get continuous monitoring of distributed devices through Digi Ventus Genesis, which delivers real-time health and performance visibility, proactive alerts, and detailed reporting. Digi Ventus keeps devices configured, patched, and secure, helping you reduce downtime, simplify operations, and avoid costly onsite service calls."

Digi EX60 5G delivers secure, high-performance enterprise connectivity with advanced reliability, centralized management and scalable deployment for distributed environments.

Key features, benefits and applications

- 5G eMBB enterprise branch router based on Qualcomm SDX72
- Built on a 3GPP Release 17 5G platform enabling higher uplink performance, improved spectral efficiency and enhanced enterprise feature support
- Wi-Fi 7 tri-band, dual-concurrent 2.4 and 5/6 GHz for high-capacity branch wireless
- 2.5 GbE WAN port eliminates cellular throughput bottlenecks
- Four 1 GbE LAN ports for wired distribution to branch devices
- Dual SIM slots for carrier flexibility and wireless failover, including embedded Digi eSIM for zero-touch device setup
- Locking USB-C and RJ-50 serial for secure peripheral and OOB management connections
- Compact indoor enclosure with desktop and wall mounting options



Related Digi IoT software and solutions



DIGI EX60 5G WITH DIGI VENTUS

Digi Ventus Genesis

The Genesis platform from Digi Ventus visualizes your network and provides immediate command and control of connected hardware on any mobile or desktop screen. More than just a standalone application, Genesis provides an industry leading turnkey toolbox to observe, configure and report on network operations in real time. Optional white labeling helps make Genesis a key value-add for new revenue generation.



- ✓ Genesis focuses on making complex management routines simple by automating common low-level steps to make device management easy.
- ✓ Genesis provides device portfolio information and functionality for multiple audiences. It can be used by technical and non-technical audiences alike.
- ✓ Genesis provides a customer facing REST API. If a customer already has an application and simply wants to leverage the information within Genesis, the REST API will do it simply and securely.
- ✓ Genesis supports NOCs and technical support centers alike. The map view is a popular feature that allows NOCs to view their portfolios geographically and get context information about the health of their connections, weather impact and other data points required for the specific application.

Core Features

Genesis offers four key capabilities: monitoring, diagnostics, reporting, and over-the-air updates (OTAs).

Monitoring

The system tracks remote devices through:

- ✓ Interactive maps
- ✓ Network availability status
- ✓ Device metadata, including IP addresses and network configuration
- ✓ Historical data covering health metrics and usage patterns
- ✓ Dashboards and graphs with convenient filtering and export options

Reporting

The system generates various static reports that can be:

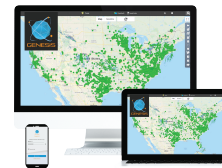
- ✓ Run immediately, scheduled once, or set to recur
- ✓ Exported to spreadsheet applications
- ✓ Emailed to multiple recipients
- ✓ Monitored through a history interface

Diagnostics

Users can remotely run an array of status checking tools:

- ✓ Network diagnostics like ping, traceroute, speed test
- ✓ Cellular health tests show signal strength and quality

Specifications



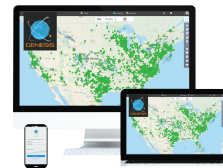
Manage and configure Digi EX60 5G
with Digi Ventus Genesis

Specifications		Digi EX60 5G with Digi Ventus Genesis	
WIRELESS INTERFACES			
CELLULAR / WWAN**			
5G NR SUB-6 GHZ QUALCOMM SDX72, COMPLIANT WITH 3GPP RELEASE 17, WITH LTE-ADVANCED PRO FALLBACK		5G NR bands: n2, n5, n7, n12, n13, n14, n25, n26, n29, n30, n38, n41, n48 (CBRS), n66, n70, n71, n77, n78; Power Class 1.5 (29 dBm): n38, n41, n77, n78; 4G LTE bands: B2, B4, B5, B7, B12, B13, B14 (FirstNet®), B17, B25, B26, B29, B30, B38, B41, B42, B43, B48 (CBRS), B66, B71	
CONNECTORS		(4) 50 Ω SMA (center pin: female)	
SIM SLOTS / ESIM SUPPORT		(2) Nano-SIM (4FF) slots; soldered MFF2 Digi eSIM with eUICC (SGP.32) for remote provisioning and carrier switching (user selectable between one of the 4FF and eSIM slots); Dual SIM Dual Standby (DSDS) support	
SIM SECURITY		SIM slot cover plate with security screws included	
WI-FI			
TECHNOLOGY		Wi-Fi 7 (802.11 a/b/g/n/ac/ax/be) radio 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		Internal antennas	
WIRED INTERFACES			
ETHERNET			
PORTS / CONNECTOR		(1) WAN 2.5 GbE (4) LAN 1 GbE; all ports WAN/LAN switchable	
SERIAL			
PORTS / CONNECTOR		(1) EIA RS-232 DTE / RS-485, 10-pin RJ-50; for out-of-band management of connected network appliances and servers	
USB			
PORTS / CONNECTOR		(1) USB 3.1 with DRD (Dual-Role Data) / DRP (Dual-Role Power) support, Type-C	
SOFTWARE AND MANAGEMENT*			
REMOTE MANAGEMENT		Digi Ventus Genesis (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	
POWER REQUIREMENTS			
POWER INPUT		9 – 36 VDC, 4-pin Molex power input connector; AC power supply included (North America) or USB-C power input with locking connection	
POWER CONSUMPTION		6 W typical (idle); 23 W peak	

*Includes the Digi Ventus solution for Digi IX25 with Genesis, warranty and customer care.

**Visit digi.com/resources/certifications for latest approvals and updates.

Specifications and Technologies



Manage and configure Digi EX60 5G
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Specifications		Digi EX60 5G with Digi Ventus Genesis	
PHYSICAL			
DIMENSIONS		192 mm x 133 mm x 38 mm (7.56 in x 5.24 in x 1.5 in)	
WEIGHT		0.74 kg (1.6 lb)	
STATUS LEDS		Power, WWAN, Wi-Fi, LAN/WAN status	
ENCLOSURE / RATING		ABS plastic indoor enclosure	
ENVIRONMENTAL			
OPERATING TEMPERATURE		−30 °C to 60 °C (−22 °F to 140 °F)	
STORAGE TEMPERATURE		−40 °C to 85 °C (−40 °F to 185 °F)	
RELATIVE HUMIDITY		5% to 95% (non-condensing)	
APPROVALS**			
CELLULAR		PTCRB, AT&T, T-Mobile, Verizon; visit digi.com/resources/certifications for latest approvals and updates	
SAFETY / SECURITY		IEC 62368-1, EN 62311, FIPS 140-3	
EMISSIONS / IMMUNITY		FCC Part 15 Class B, ICES-003	
WARRANTY***			
PRODUCT WARRANTY		Limited lifetime	

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For a comprehensive list of operating system features, please visit digi.com/solutions/by-technology/dal-operating-system/features.

DIGI EX60 5G WITH DIGI VENTUS

Product Photos

Digi EX60 5G Product Photos

Digi EX60 5G



Digi EX60 5G — right



Digi EX60 5G — right, with SIM cover removed



Digi EX60 5G — front



Digi EX60 5G — bottom



Digi EX60 5G — with antennas



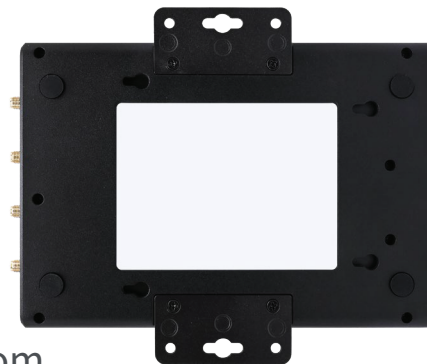
Digi EX60 5G — left



Digi EX60 5G — back



Digi EX60 5G — bottom, with mounting brackets



For more information, please visit ventus.digi.com



For more information about Digi Ventus IX25,
visit ventus.digi.com/hardware

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DIGI **Ventus**
Managed Connectivity Solutions