LifeCycle Assurance



DIGI CONNECT EZ 16/32

Click-to-connect | Modern, secure serial connectivity that boots in seconds, configures in minutes and runs for years

Most companies are not replacing their equipment — they are updating the way they talk to it. **Digi Connect EZ 16/32** modernizes operational infrastructure with expanded network connectivity and functionality for today's applications. It is designed to meet the demands of a wide range of critical serial applications including connecting to automation, robotics control, centralized device management, data acquisition and point-of-sale equipment.

Digi Connect EZ is a click-to-connect family of serial device servers built for modern infrastructure — available with 1, 2, 4, 8, 16, or 32 serial ports across form factors designed for every environment. Digi Connect EZ 16 and 32 are available with RS-232 or a software-selectable option for RS-232/422/485 communication, as well as LTE and single or dual power options. It takes only a few minutes to configure with intelligent, use case-based options so that you can quickly install without having to modify your equipment or applications.

Digi simplifies security requirements for critical infrastructure and distributed systems with enhanced access control, management and configuration capabilities. Digi Connect EZ 16 and 32 include built-in **Digi TrustFence** to give your security and operations teams peace of mind against evolving security threats with encrypted connections, centralized authentication, VPN support and scalable security updates.

Digi Connect EZ 16 and 32 support the widest range of industry standard and device-specific protocols using serial tunneling, TCP/UDP connections or Digi's patented RealPort COM port redirector for remote native COM port access. A built-in Python environment enables application development and customization at the device level, including event-based programmability, data conversion and full control of device connections.

Related Digi devices and software



Digi Connect EZ Mini



Digi Connect EZ 2/4



Digi Connect EZ 8



Digi RealPort

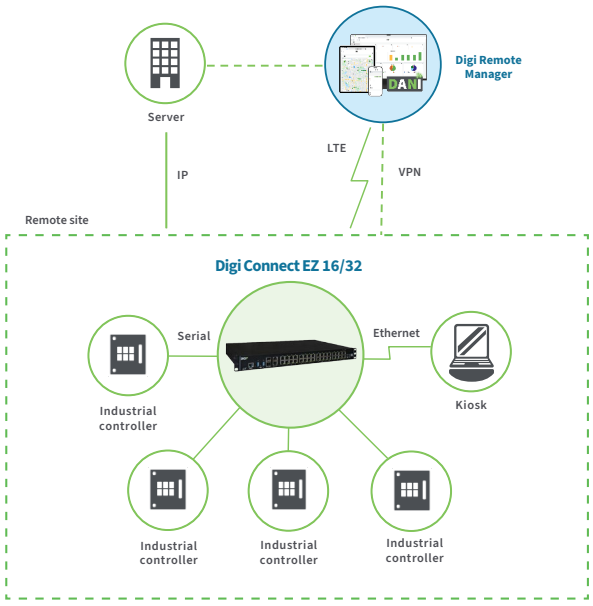


Digi Remote Manager

Key features, benefits and applications

- 16 or 32 serial RS-232 or RS-232/422/485 software-selectable ports to connect a wide variety of serial equipment over IP networks
- Dual 10/100/1000 Ethernet with dual SFP+ support, Digi CORE LTE module support, micro SD for data logging, two USB ports and single or dual power options
- Ideal for applications requiring COM ports, serial tunneling or TCP/UDP sockets
- Optimizes performance for the widest range of industry standard and device-specific protocols
- Built-in **Digi TrustFence** for device security, secure encrypted connections, ongoing monitoring and support
- **Digi LifeCycle Assurance** included — one year of 24x7 expert support and customer choice of device management platform — **Digi Remote Manager** in the cloud or **Digi On-Prem Manager** hosted locally and air-gapped

Application example



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Digi LifeCycle Assurance

Digi LifeCycle Assurance provides an enhanced level of service and support on new deployments of Digi AnywhereUSB Plus, Digi Connect EZ, and Digi Connect IT 16/48 to provide security, reliability and speed, as well as ongoing device management.

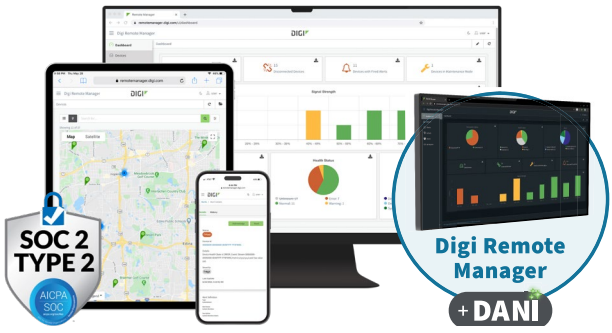
Technical Support
The support plan provides 24 x 7 x 365 tier 1 support with four-hour SLA for device and network troubleshooting to ensure your team can resolve issues quickly.

Management
Digi Remote Manager provides full network visibility, control and automation with remote monitoring, security and OTA updates. Digi On-Prem Manager offers the same capabilities for on-site deployments.

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.

Warranty
Enjoy peace of mind with Digi's best-in-class warranty, covering your device for 5 years. Our technology transition support ensures that you can maximize your technology investment and mitigate risks effectively.

Digi Remote Manager and Digi On-Prem Manager



Digi Remote Manager (DRM) and Digi On-Prem Manager provide scalable, secure solutions for managing distributed IoT networks — whether in the cloud or on-premises.

SOC 2® Type 2-compliant DRM offers centralized, cloud-based control to deploy, monitor, and troubleshoot thousands of devices from any device — desktop, tablet, or phone — with built-in software-defined security.

Digi On-Prem Manager delivers similar capabilities within private, air-gapped, or regulatory-sensitive environments, keeping all data and management local.

Together, they offer flexible options to manage mission-critical networks — your way.

Learn more at digi.com/digi-remote-manager.

Flexible, secure IoT network management — in the cloud or on-premises

Core capabilities

- Activate, monitor and troubleshoot your mission-critical devices through a single portal
- Automate firmware updates, file management and configuration tasks across single or multiple devices
- Monitor device health, connectivity and performance across any deployment size
- Create detailed reports and real-time alerts for key metrics (signal quality, latency, data usage, etc.)
- Access edge devices via out-of-band console terminal
- Integrate device data into third-party systems via open APIs

Digi Remote Manager — cloud benefits

- Commercial-grade cloud server environment that 99.9% or greater uptime
- Compliant with SOC 1®, SOC 2® and SOC 3® standards
- Member of the Center for Internet Security® (CIS)
- Supports ISO27002, HIPAA, NIST and other frameworks
- Earned Skyhigh's CloudTrust™ Enterprise-Ready rating

Digi On-Prem Manager — local control

- All the essential DRM features, hosted within your private infrastructure
- Ideal for air-gapped, high-security, or regulatory-sensitive environments
- No data leaves your network — full control and compliance on-premises

Digi Connect EZ 16/32 Use Cases

Digi Connect EZ 16 and 32 are designed to meet the demands of a wide range of critical serial applications including connecting to automation, robotics control, centralized device management, data acquisition and point-of-sale equipment.

Utility and energy

- Critical remote equipment management, support in harsh environments, and redundant connectivity and dual power options

Factory automation

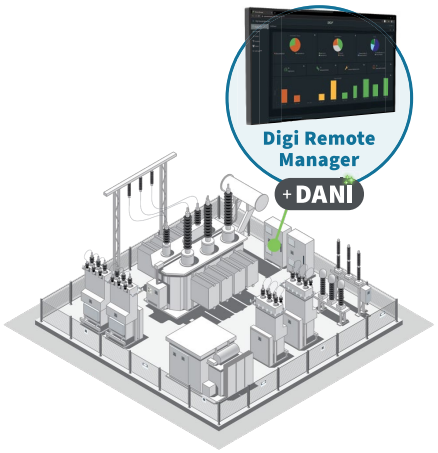
- Process automation and reliability for hi-tech robotics and capital systems

Government and aerospace

- Encrypted data transfer across remote locations, secure scalable management around the world and data integrity, resiliency and redundant connectivity

Commercial and logistics

- Pick 'n' pack connectivity



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Digi Navigator

Digi Navigator gives users the ability to discover and configure Digi Connect EZ in minutes. The tool is what makes Digi Connect EZ easy. It allows you to spend your time where it matters most by taking away the hassle of finding devices on a network, configuring the IP address, defining serial ports and connected devices, setting up Digi RealPort and managing passwords.

Digi Navigator Features

- Find and connect to devices on a LAN
- Guide IP address configuration
- Configure Digi Connect EZ for use with Digi RealPort
- Quickly define serial ports and devices associated with ports
- Access the Digi Connect EZ web and command line interface
- Manage passwords easily

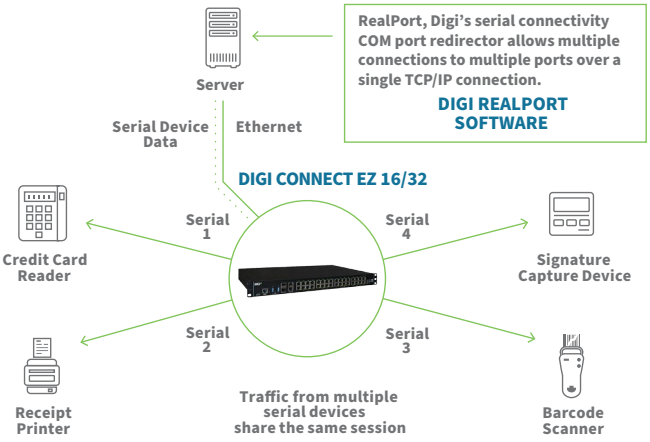
Digi RealPort

Digi's patented RealPort software provides serial connectivity over IP networks, no matter where the devices reside.

Digi RealPort is unique among COM port redirectors. It is the only implementation that allows multiple connections to multiple ports over a single TCP/IP connection instead of a separate TCP/IP connection for each serial port. This helps manage network traffic and reduce congestion.

Digi RealPort is installed on the application host; whether it be local, remote, physical, virtual or in the cloud. This allows applications to communicate with devices across a network as if the devices were directly attached to the computer, allowing device connectivity from anywhere on your network.

RealPort also provides end-to-end encryption and full hardware flow control, as well as optimizations for packetization, latency and throughput.



Digi TrustFence

Digi TrustFence is a device security framework that simplifies the process of securing connected devices.



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 local intrusion.

Authentication

- Provides data authentication and device identity management options and ensures that products are not shipped with default user and password settings.

Secure Connections

- These connections utilize the latest encryption protocols for data in motion and over-the-air (OTA) transmissions to ensure the integrity of data flowing across a network.

Ongoing Monitoring and Support

- Provides ongoing threat measurement and monitoring services and performs external security audits.

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Specifications	Digi Connect EZ 16/32	EZ 16	EZ 16 MEI	EZ 32	EZ 32 MEI
CONNECTIONS					
SFP+	(2) 10 Gb capable SFP+ sockets	✓	✓	✓	✓
ETHERNET	(2) 10/100/1000 Ethernet	✓	✓	✓	✓
SERIAL PORTS (RJ45 10-PIN)	RS-232	16		32	
	RS-232/422/485 capable, software selectable		16		32
RS-232 / EIA-232 SERIAL MODES	Signal support TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI flow control options: XON/OFF, CTS/RTS, RTS-toggle	✓	✓	✓	✓
RS-422 / EIA-422 SERIAL MODES	TX+/−, RX+/−, software termination		✓		✓
RS-485 / EIA-485 SERIAL MODES	Data+/Data-, software termination		✓		✓
CONSOLE (RJ45 10-PIN)	RS-232 serial console port	✓	✓	✓	✓
USB	(2) USB 3.1 Gen 1 (Type A)	✓	✓	✓	✓
MICRO SD	SD/SDHC/SDXC socket	✓	✓	✓	✓
CELLULAR (WHEN USED WITH DIGI CORE PLUG-IN LTE MODEM)					
CORE MODULE SUPPORT	Digi CORE module compliant socket (see accessories for modules)	✓	✓	✓	✓
CERTIFICATIONS	Visit **digi.com/resources/certifications** for latest updates	When used with Digi CORE plug-in LTE modem			
LTE (G4) WITH DIGI CORE® PLUG-IN LTE MODEM 1002-CMG4-GLB	LTE Cat 4: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B38, B40, B41; 3G: B1, B2, B4, B5, B6, B8, B19 2G EDGE / GPRS: 850 / 900 / 1800 / 1900 MHz				
CONNECTORS	(2) 50 Ω SMA (center pin: female)				
SIM SLOTS	(2) Mini-SIM (2FF)				
SIM SECURITY	Secured in cellular module				
PHYSICAL					
DIMENSIONS (L x W x H)	25.5 cm x 44.5 cm x 4.445 cm (10.04 in x 17.5 in x 1.75 in)				
PACKAGE DIMENSIONS	37.5 cm x 57.5 cm x 15.24 cm (14.76 in x 22.64 in x 6 in) Ships with attachable 19” rack ears				
PACKAGE WEIGHT		5.2 kg (11.5 lb)		5.26 kg (11.6 lb)	
STATUS LEDS	System: Power 1, Power 2, Fan 1, Fan 2, Sys Fan, User, WWAN Signal, WWAN Service Per port: Ethernet, Serial, Console, USB				
POWER REQUIREMENTS					
POWER INPUT	AC: Single or dual AC input (C13 connector), use with appropriate National Mains cords DC: Dual DC power with EZ-AD00/EZ-CD00 models, with supplied Phoenix connector				
POWER CONSUMPTION	AC: Single or dual field replaceable, 100 – 240 VAC, ~50 – 60 Hz, 2.4 A max for each power supply DC: Dual field replaceable, 48 VDC, 2.9 A max for each power supply				
REPLACEABLE POWER SUPPLY	Product supports redundant replaceable power supplies				

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Specifications	Digi Connect EZ 16/32
ENVIRONMENTAL	
OPERATING TEMPERATURE	Standard operating temperature: 0 °C to 50 °C (32 °F to 122 °F)
STORAGE TEMPERATURE	Standard storage temperature: 0 °C to 70 °C (32 °F to 158 °F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
APPROVALS*	
SAFETY	IEC 62368-1, IEC 60950-1, CB, EN 62311, UL 62368-1, UL 60950-1
EMISSIONS / IMMUNITY	CE; RED; FCC Part 15, Subpart B; ICES-003; AS/NZS; CISPR 32, CISPR 35
TAA	
TAA COMPLIANCE	This product is compliant with the U.S. Trade Agreements Act (TAA) based on its current country of origin and manufacturing configuration. Compliance status is subject to change. Customers should contact Digi International to obtain the latest TAA Compliance Statement.
WARRANTY AND SUPPORT	
PRODUCT WARRANTY	5-year for base Connect EZ device, 3-year for Digi CORE plug-in LTE modem
TECHNICAL SUPPORT	1-year **LifeCycle Assurance** includes: 24×7 expert support and centralized device management via **Digi Remote Manager** (cloud) or **Digi On-Prem Manager** (local)
SOFTWARE AND MANAGEMENT	
REMOTE MANAGEMENT	**Digi Remote Manager;** SNMP v3 (user installed, managed)
LOCAL MANAGEMENT	**Digi On-Prem Manager**; **Digi Navigator** discovery and configuration tool, Web UI (HTTP/HTTPS), CLI (SSH)
MANAGEMENT / TROUBLESHOOTING TOOLS	**Digi Navigator** discovery and configuration tool, FTP client, SCP, protocol analyzer with PCAP for Wireshark, event logging with syslog and SMTP client, NTP/SNTP, Nagios, Intelliflow, iPerf, Dynamic DNS, ping, traceroute
MEMORY	2 GB RAM, 8 GB Flash
AUTHENTICATION	TACACS+, LDAP, Enterprise RADIUS

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

Enterprise Software	Description
CONNECTIVITY CAPABILITIES	
NETWORK PROTOCOL SUPPORT	HTTPS, FTP client, SSL, TLS v1.2 and above, SCP (client and server), SFTP, SMTP client for use by scripts and the command line, SNMP, SSH; Protocol analyzer, ability to capture PCAP for use with Wireshark; DHCP, DynDNS, Dynamic DNS client compatible with BIND9/No-IP/DynDNS; Captive portal, Intelliflow; Nagios, DNS server, NTP server, Multicast, mDNS, IPerf, management via **Digi Remote Manager** or **Digi On-Prem Manager**
SERIAL AND DATA PROTOCOL SUPPORT	RealPort, socket and autoconnect socket connectivity for TCP and encrypted TCP, SSH, RFC-2217, UDP, Modbus, Pyserial support via built-in Python interpreter
SECURITY	IP filtering, stateful firewall, custom firewall rules (iptables), address and port translation; TLS 1.2 and above, **FIPS 140-3**, OpenVPN client and server; VPN tunnels; authentication: RADIUS, TACACS+; certificates; MAC address filtering; VLAN support
VPN	IPsec with IKEv1, IKEv2, NAT Traversal; OpenVPN client and server; GRE VPN tunnels; cryptology: SHA-1/256/384/512, MDS, RSA; encryption: 3DES and AES up to 256-bit (CBC mode for IPsec); Diffie Hellman: DH groups 1-32 (CURVE448)
ROUTING/FAILOVER	IP pass-through; NAT, NAPT with IP port forwarding; Ethernet bridging; GRE; multicast routing; routing protocols: RIP (v1, v2) OSPF, BGP, IP failover: VRRP; automatic failover; **Digi SureLink**
OTHER PROTOCOLS	DHCP; dynamic DNS client compatible with No-IP/DynDNS

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

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Product Photos and Dimensions

Digi Connect EZ 16



Digi Connect EZ 16 — front



Digi Connect EZ 16 — back



Digi Connect EZ 16 dual DC power— back



Digi Connect EZ 32



Digi Connect EZ32 — front



Digi Connect EZ32 — back



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Part Numbers	Digi Connect EZ 16
DIGI CONNECT EZ 16	
EZ16-A100-GLB	Digi Connect EZ 16 — serial server, 16-port, RS-232, global power cords
DIGI CONNECT EZ 16 DUAL POWER	
EZ16-A200-GLB	Digi Connect EZ 16 dual power — serial server, 16-port, RS-232, dual AC power, global power cords
DIGI CONNECT EZ 16 DUAL DC POWER	
EZ16-AD00	Digi Connect EZ 16 dual DC power — serial server, 16-port, RS-232, dual DC power
DIGI CONNECT EZ 16 MEI	
EZ16-C100-GLB	Digi Connect EZ 16 MEI — serial server, 16-port, RS-232/422/485, global power cords
DIGI CONNECT EZ 16 MEI DUAL POWER	
EZ16-C200-GLB	Digi Connect EZ 16 MEI dual power — serial server, 16-port, RS-232/422/485, dual AC power, global power cords
DIGI CONNECT EZ 16 MEI DUAL DC POWER	
EZ16-CD00	Digi Connect EZ 16 MEI dual DC power — serial server, 16-port, RS-232/422/485, dual DC power

Part Numbers	Digi Connect EZ 32
DIGI CONNECT EZ 32	
EZ32-A100-GLB	Digi Connect EZ 32 — serial server, 32-port, RS-232, global power cords
DIGI CONNECT EZ 32 DUAL POWER	
EZ32-A200-GLB	Digi Connect EZ 32 dual power — serial server, 32-port, RS-232, dual AC power, global power cords
DIGI CONNECT EZ 32 DUAL DC POWER	
EZ32-AD00	Digi Connect EZ 32 dual DC power — serial server, 32-port, RS-232, dual DC power
DIGI CONNECT EZ 32 MEI	
EZ32-C100-GLB	Digi Connect EZ 32 MEI — serial server, 32-port, RS-232/422/485, global power cords
DIGI CONNECT EZ 32 MEI DUAL POWER	
EZ32-C200-GLB	Digi Connect EZ 32 MEI dual power — serial server, 32-port, RS-232/422/485, dual AC power, global power cords
DIGI CONNECT EZ 32 MEI DUAL DC POWER	
EZ32-CD00	Digi Connect EZ 32 MEI dual DC power — serial server, 32-port, RS-232/422/485, dual DC power

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Part Numbers	Accessories
1002-CMG4-GLB	Digi CORE plug-in LTE modem — global LTE Cat 4, 3G/2G fallback
76000926	Cellular antenna — 3G/4G, multiband 699 –2690 MHz, swivel
76002118	Cellular antenna — dipole, 4G, magnetic mount, 1 meter cable
EZPS-AC	Second, spare or replacement power supply for DIgi Connect EZ 16 or Digi Connect EZ 32

Part Numbers	Serial Cables and Adapters
76000697	DB-9F console adapter, quantity 4
76000698	DB-25M console adapter, quantity 4
76000699	DB-25F console adapter, quantity 4
76000700	DB-25M modem adapter, quantity 4
76000701	DB-9M modem adapter, quantity 4
76000195	RJ-45 to DB-25 male straight, 4 feet
76000199	RJ-45 to DB-25 female straight, 4 feet
76000201	RJ-45 to DB-9 female straight, 4 feet
76000238	RJ-45 to DB-25 male crossover, 4 feet
76000240	RJ-45 to DB-9 male straight, 4 feet
76000264	RJ-45 to DB-9 male crossover, 4 feet
76000631	RJ-45 to RJ-45 for Sun Netra/Cisco, 6 feet
76000645	RJ-45 to DB-9 female crossover, 4 feet
76000723	Connects screw terminal EIA 422/485 devices to Digi MEI products that have 10-pin RJ-45 connectors

Part Numbers	Digi Remote Manager
DIGI-RM-IM-PRM-1YR	Digi Remote Manager Premier — 1-year subscription
DIGI-RM-IM-PRM-3YR	Digi Remote Manager Premier — 3-year subscription
DIGI-RM-IM-PRM-5YR	Digi Remote Manager Premier — 5-year subscription

Part Numbers	Expert Support
DG-EXPE-24	Expert 24x7 Support for end users

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

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Part Numbers	Digi LifeCycle Assurance
DIGI-IM-LCA-1YR-EXT	Digi LifeCycle Assurance — 1-year extension
DIGI-IM-LCA-2YR-EXT	Digi LifeCycle Assurance — 2-year extension
DIGI-IM-LCA-3YR-EXT	Digi LifeCycle Assurance — 3-year extension
DIGI-IM-LCA-4YR-EXT	Digi LifeCycle Assurance — 4-year extension
DIGI-IM-LCA-RENEWAL	Digi LifeCycle Assurance renewal

Part Numbers	Digi LifeCycle Assurance with On-Prem Manager
DIGI LIFECYCLE ASSURANCE ON-PREM MANAGER SERVER	
DIGI-IM-LCAP-SERVER-1YR	Digi LifeCycle Assurance On-Prem Manager Server License — 1-year subscription
DIGI-IM-LCAP-SERVER-2YR	Digi LifeCycle Assurance On-Prem Manager Server License — 2-year subscription
DIGI-IM-LCAP-SERVER-3YR	Digi LifeCycle Assurance On-Prem Manager Server License — 3-year subscription
DIGI-IM-LCAP-SERVER-4YR	Digi LifeCycle Assurance On-Prem Manager Server License — 4-year subscription
DIGI-IM-LCAP-SERVER-5YR	Digi LifeCycle Assurance On-Prem Manager Server License — 5-year subscription
DIGI ON-PREM MANAGER PER-DEVICE LICENSE	
DIGI-IM-LCAP-1YR-EXT	Digi LifeCycle Assurance On-Prem Manager — 1-year extension
DIGI-IM-LCAP-2YR-EXT	Digi LifeCycle Assurance On-Prem Manager — 2-year extension
DIGI-IM-LCAP-3YR-EXT	Digi LifeCycle Assurance On-Prem Manager — 3-year extension
DIGI-IM-LCAP-4YR-EXT	Digi LifeCycle Assurance On-Prem Manager — 4-year extension
DIGI-IM-LCAP-5YR-EXT	Digi LifeCycle Assurance On-Prem Manager — 5-year extension
DIGI-IM-LCAP-1YR-REN	Digi LifeCycle Assurance On-Prem Manager — renewal

Digi LifeCycle Assurance with On-Prem Manager is available in 1-, 2-, 3-, 4- and 5-year subscriptions, and require a server license and one endpoint license per device per year.

LifeCycle Assurance

1-year **LifeCycle Assurance** with 24x7 Expert Support and device management, via Digi On-Prem Manager or Digi Remote Manager included with Digi Connect EZ 16 and 32 models.

For more information, please visit digi.com.

For more information about Digi Connect EZ 16/32, visit **digi.com/connect-ez-16-32**.

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