



PLUG-IN LTE  
MODEM



Manage this device with  
Digi Remote Manager

# DIGI CORE PLUG-IN LTE MODEM

Modular LTE connectivity with Carrier Smart Select and dual SIM support across major carriers for optimal mobile network access

Stay connected with Digi CORE® plug-in LTE modems for LTE and LTE-Advanced connectivity across major cellular networks. The modular design integrates with a range of Digi high-performance routers and infrastructure devices, including Digi EX15, Digi IX20, Digi 6310-DX, Digi 6330-MX, Digi 6350-SR, Digi Connect® IT 4 and Digi AnywhereUSB® Plus.

With Digi CORE plug-in modems, enabled Digi devices can connect to mobile networks using the LTE standard that best suits each use case. Larger locations or data-intensive applications can utilize the LTE-Advanced Cat 6 and Cat 11 versions of the Digi CORE plug-in modem to take advantage of faster speeds and carrier aggregation.

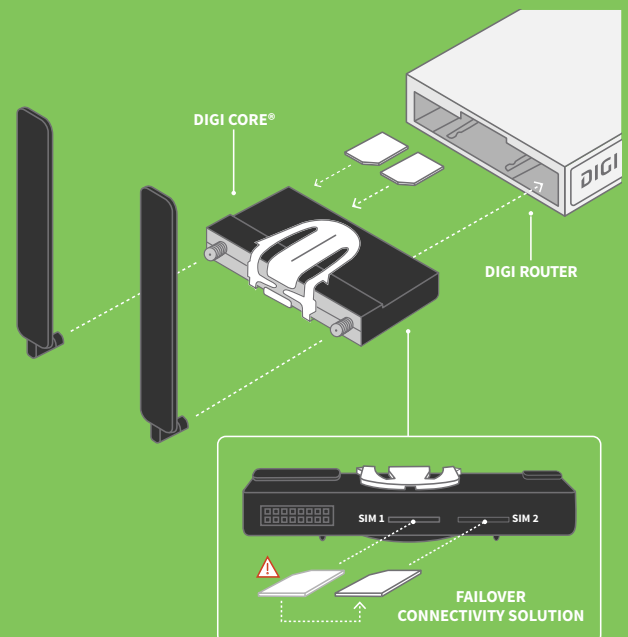
Meanwhile, applications with less intensive needs can opt for the cost-saving deployment of a standard LTE Cat 4 or Cat 3 connection. Select the router and modem that best fit current and future connectivity needs with the ability to upgrade devices rather than replacing them.

Digi Remote Manager® is a secure cloud-based device management solution that provides remote monitoring and control of Digi enterprise routers and gateways after deployment. It enables easy setup, configuration and support for installations of Digi devices.

## FEATURES AND BENEFITS

- Certified with major cellular carriers
- Scalable throughput with multiple module types:
  - LTE-Advanced Cat 6 and Cat 11
  - LTE-Cat 4
  - LTE Cat 3 with EVDO fallback (UMTS / HSPA+)
- Dual SIM slots with automatic or manual swapping
- Carrier Smart Select™ for optimal connectivity
- Readily upgrade to meet changing cellular standards
- Tamper-proof optional locking mechanism
- External SMA connectors for custom antenna runs

## CORE MODEM DIAGRAM



Digi CORE plug-in LTE modem inserted into a Digi enterprise router.

## RELATED PRODUCTS



Digi EX15



Digi 6310-DX



Digi 6330-MX



Digi IX20



Digi Remote  
Manager

## SPECIFICATIONS

## DIGI CORE® PLUG-IN LTE MODEM

<b>SOFTWARE</b>	
<b>REMOTE MANAGEMENT</b>	Digi Remote Manager®
<b>PROTOCOLS</b>	USB 2.0 / 3.0 (CM module's interface), UMTS, EVDO, HSPA+, LTE, LTE-A (Note: supported cellular protocols vary by module type)
<b>SECURITY</b>	Tamper-proof with internal SIM slots and optional locking mechanism
<b>PHYSICAL</b>	
<b>DIMENSIONS (L x W x H)</b>	102 mm x 51 mm x 15 mm (4.0 in x 2.0 in x 0.6 in)
<b>WEIGHT</b>	0.156 kg (5.5 oz.)
<b>ENVIRONMENTAL</b>	
<b>OPERATING TEMPERATURE</b>	Commercial temperature: 0° C to 40° C (32° F to 104° F)
	Industrial temperature: -40° C to 70° C (-40° F to 158° F)
<b>STORAGE TEMP AND HUMIDITY</b>	-25° C to 75° C (-13° F to 167° F); 5% to 95% non-condensing
<b>APPROVALS</b>	
<b>EMISSIONS / IMMUNITY</b>	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES-3(B)/NMB-3(B)
<b>CELLULAR SPECIFICATIONS</b>	
<b>CELLULAR ANTENNA</b>	(2) Dipole; Frequency: 700-960/1575-2700 hz; Gain: 1-4 dBi
<b>SIM</b>	(2) SIM card slot (size 2FF), software selectable and hardware switchable
<b>DIGI CORE PLUG-IN LTE MODEM</b>	
<b>DIGI CORE 1002-CM03 (NORTH AMERICA)</b>	LTE Cat 3; LTE Bands: B2, B4, B5, B13, B17, B25; 3G WCDMA: B1, B2, B4, B5, B8; 3G EVDO: BC0, BC1, BC10; 2G: BC0, BC1, BC10; Transfer rate (max): 100 Mbps down, 50 Mbps up; Commercial temperature
<b>DIGI CORE 1002-CM04 (NORTH AMERICA)</b>	LTE Cat 4; LTE Bands: B2, B4, B5, B12, B13; 3G: B2, B5; Transfer rate (max): 150 Mbps down, 50 Mbps up; Commercial temperature
<b>DIGI CORE 1002-CME4 (EMEA)</b>	LTE Cat 4; LTE Bands: B1, B3, B7, B8, B20; 3G: B1, B8; 2G: B3, B8; Transfer rate (max): 150 Mbps down, 50 Mbps up; Commercial temperature
<b>DIGI CORE 1002-CMG4 (GLOBAL)</b>	LTE Cat 4; LTE Bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B39, B40, B41; 3G: B1, B2, B4, B5, B6, B8, B19; 2G EDGE / GPRS: 850 / 900 / 1800 / 1900 MHz; Transfer rate (max): 150 Mbps down, 50 Mbps up; Industrial temperature
<b>DIGI CORE 1002-CM06 (GLOBAL EXCLUDING AU, NZ, JP AND KR)</b>	LTE-Advanced Cat 6; LTE Bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41; 3G WCDMA: B1, B2, B3, B4, B5, B8; Transfer rate (max): 300 Mbps down, 50 Mbps up; Commercial temperature
<b>DIGI CORE 1002-CM16 (APAC)</b>	LTE-Advanced Cat 6; LTE Bands: B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41; 3G WCDMA: B1, B5, B6, B8, B9, B19; 3G TD-SCDMA: B39; Transfer rate (max): 300 Mbps down, 50 Mbps up; Commercial temperature
<b>DIGI CORE 1003-CM11 (GLOBAL)</b>	LTE-Advanced Cat 11; LTE FDD Bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B25, B26, B28, B29, B30, B66; LTE TDD: B38, B40, B41; 3G: B1, B2, B4, B5, B8; Transfer rate (max): 600 Mbps down, 75 Mbps up; Commercial temperature
<b>WARRANTY</b>	
<b>PRODUCT WARRANTY</b>	3-year

## PRODUCT IMAGES

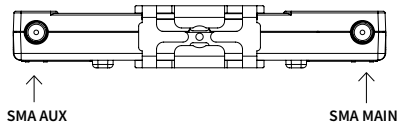
DIGI CORE® PLUG-IN LTE MODEM DUAL SIM



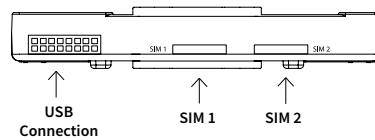
DIGI CORE PLUG-IN LTE MODEM TOP



DIGI CORE PLUG-IN LTE MODEM FRONT



DIGI CORE PLUG-IN LTE MODEM BACK



## DIGI REMOTE MANAGER®



### CAPABILITIES

- Centralized management of remote devices over 3G/4G/LTE
- Define standard configurations and automatically monitor individual devices for PCI security compliance
- Get alerts and create reports on performance statistics, including connection history, signal quality, latency, data usage and packet loss
- No servers or applications to operate and maintain
- Perform tasks across your entire device network in minutes
- Edit configurations and update firmware for individual devices or groups
- Monitor the status and location of remote devices via a web browser
- Activate or deactivate cellular lines and monitor data to ensure you never incur overage charges

### INFRASTRUCTURE

- Hosted in a commercial-grade SAS 70-certified environment
- Superior availability, operating to 99.9% or greater
- Open APIs available to support application development

### SECURITY

- Certified SSAE-16 facilities
- Over 175 security controls in place to protect your data
- Enables compliance with security frameworks like PCI, HIPAA, NIST
- Earned SkyHigh's Cloud Trust Program highest rating of Enterprise-Ready

PART NUMBERS	DIGI CORE® PLUG-IN LTE MODEM
ASB-1002-CM03-GLB	Digi CORE plug-In LTE modem; LTE / HSPA+ / EVDO Cat 3; Cellular certifications: PTCRB, AT&T, Verizon, Sprint, T-Mobile
ASB-1002-CM04-OUS	Digi CORE plug-In LTE modem; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, AT&T, Verizon, Canada
ASB-1002-CME4-OUS	Digi CORE plug-In LTE modem; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, RED, Europe
1002-CMG4-GLB	Digi CORE plug-In LTE modem; Global LTE Cat 4, 3G/2G fallback; Visit: <a href="https://www.digi.com/resources/certifications">https://www.digi.com/resources/certifications</a> for latest certifications
ASB-1002-CM06-GLB	Digi CORE plug-In LTE modem; LTE-A / HSPA+ Cat 6; Cellular certifications: PTCRB, RED, AT&T, Verizon, Canada, Europe
ASB-1002-CM16-GLB	Digi CORE plug-In LTE modem; LTE-A / HSPA+ Cat 6; Cellular certifications: Australia / New Zealand
ASB-1003-CM11-GLB	Digi CORE plug-In LTE modem; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, RED, AT&T, Verizon, Canada, Europe

FOR MORE INFORMATION  
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