



RELIABLE AND SECURE HIGH-SPEED CONNECTIVITY INSEEGO WAVEMAKER™ PRO 5G INDOOR ROUTER FX2000e

About Inseego

As a U.S.-based company, we design and develop all of our products in the USA and hold them to the highest security standards. Our products and solutions are trusted by top tier carriers, government entities, and Fortune 500 enterprise customers.



5G gigabit speeds

The 5G FX2000e indoor router provides gigabit-class download speeds¹ and supports remarkably fast 4G fallback at LTE Cat 22 speeds for extended coverage.

Superior connectivity

Designed with multiple connection options to meet your needs, the FX2000e provides dual-band Wi-Fi 6 for up to 32 connected devices, with USB, and an Ethernet LAN port that supports up to 1 Gbps.

Dual-SIM functionality

The FX2000e offers dual SIM support and allows for auto-switching between SIMs based on signal strength, data usage, service availability, and quality. Its multi-carrier firmware can be used on most major global carriers.

Strong security

FX2000e provides OpenVPN and firewall with end-to-end device security, threat identification, monitoring and alerts to protect against the latest malware, ransomware, and spyware attacks.

Inseego Connect™ Advanced

Inseego Connect Advanced platform provides in-depth device management capabilities, diagnostics, and ability to remotely manage a fleet of devices from a single dashboard.

5G FX2000e PRODUCT SPECIFICATIONS

Network connectivity²

- 5G sub-6 GHz
- 4G LTE Cat 22
- 4x4 MIMO sub-6 GHz
- 256 QAM sub-6 GHz
- HSPA+/UMTS
- CBRS

Wi-Fi

- 802.11 a/b/g/n/ac/ax
- Wi-Fi 6 with 2x2 MU-MIMO
- Real simultaneous dual-band Wi-Fi
- Multiple SSID/guest Wi-Fi support
- Connects up to 32 Wi-Fi enabled devices

Chipset

- Qualcomm® Snapdragon™ SDX55

Ports

- 1x LAN 1 Gbps
- 1x USB 3.1 Type C
- 2x external antenna (2x2 TS-9)

Location

- Standalone and assisted GPS

SIM

- Dual SIM, (2) Nano 4FF SIM slots
- Multi-carrier support with auto-switching

Dimensions & weight

- 160 mm x 71.6 mm x 60 mm (6.3" x 2.8" x 2.4")
- 350 g (12 oz)

Operating temperature

- 0°C to 45°C (32°F to 113°F)

Security

- Inseego Secure™³
- Secure boot
- Admin security
 - AES 256 encryption
 - Security hardened web interface
 - Password hash
 - Session timeout
 - Wi-Fi on/off control
 - Incorrect password lockout
- Encrypted configuration backup/restore
- Advanced firewall
- Wi-Fi security
 - Wi-Fi security (WPA/WPA2/WPA3)
 - Wi-Fi Protected Setup (WPS 2.0)
 - Wi-Fi privacy separation
 - Configurable DNS
 - MAC address filtering
 - NAT firewall
 - Port forwarding
 - Port filtering
- Anti CSRF (OWASP)
- OpenVPN

Standards /approvals /certifications

- FCC/ISED/CE/UKCA/RCM/RSM/CITC/CITRA/ICT/TRA UAE/TRA Bahrain/TRA Oman
- MIC³
- GCF/PTCRB
- Wi-Fi Alliance
- WEEE/RoHS/REACH

Qualcomm
snapdragon
X55 5G modem-RF system



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¹Theoretical values, speeds achieved by connected devices vary based on network coverage, Wi-Fi connection and device capability.

² Data plan required. Coverage subject to network availability.

³ Future release.

