RELIABLE AND SECURE HIGH SPEED CONNECTIVITY
INSEEGO WAVEMAKER™ 5G INDOOR ROUTER FX2000

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 FX2000 indoor router provides gigabit-class download speeds[1] and supports remarkably fast 4G fall-back at LTE Cat 22 speeds for extended coverage.

Superior connectivity

Designed with multiple connection options to meet your needs. The FX2000 provides dual-band Wi-Fi 6 and supports up to 32 connected devices, and one Ethernet LAN port that supports up to 1 Gbps.

Work from home or distance learning

Stay connected to the office and classroom using your Wi-Fi enabled laptops & tablets - all on a fast and easy to use mobile connection.

Secure, private network

Your security is our priority. FX2000 safeguards your data with advanced encryption, hacker prevention, password protection, OpenVPN, parental controls, guest Wi-Fi network and more.

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5G FX2000 PRODUCT SPECIFICATIONS

Network connectivity[2]

- 5G Sub6
- 4G LTE Cat 22
- 4x4 MIMO
- 256 QAM
- HSPA+/UMTS

Bands supported

- 5G Sub6: n2/n25/n41/n66/n71
- 4G LTE: B2/B4/B5/B12/B25/B26/B41/B46/B48/B66/B71

Chipset

Qualcomm® Snapdragon™ SDX55

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
- Connect up to 32 Wi-Fi enabled devices

Ports

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

Location

- Standalone and assisted-GPS

SIM

- 4FF Nano SIM

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

- Secure boot
- Admin security
    - AES 256 encryption
    - Security hardened web interface
    - Password hash
    - Session timeout
    - Wi-Fi on/off control
    - Incorrect password lockout
    - Block factory reset
- 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/MIC[3]
- GCF/PTCRB
- Wi-Fi Alliance
- RoHs/WEEE/REACH

Qualcomm
snapdragon
X55 5G modem-RF system

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[1] Theoretical 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] MIC future release.

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