



LYNX™ VEHICLE IoT GATEWAY || 2E

FROM DESKTOP
TO EDGE OF
NETWORK

The Lynx™ Vehicle IoT Gateway 2E is a mission-critical connectivity solution with flexible wireless networking support and Cisco's 5921 Embedded Services Router (ESR) for industry leading secure communications on mobile platforms supporting public safety, defense and commercial industries.

The Lynx 2E provides a modular design that can be configured to support WiFi and LTE networks including commercial carrier networks, FirstNet Band 14, and private LTE systems such as those based on Cisco Premium Mobile Broadband.

The Lynx 2E supports a variety of interfaces designed to connect and secure vehicle systems like mobile data terminals, in-car video, telematics, GPS other sensors to enable advanced applications. A standards based Linux operating environment with storage accommodates advanced embedded software applications without a separate in-vehicle computer.

Cisco's 5921 ESR provides full Cisco IOS support for advanced multi-path routing, FIPS140-2 AES and Suite B encryptions and embedded Common Criteria certified security services such as firewall, authentication, and intrusion detection.

The Lynx 2E is optimized for vehicle environments with ignition sensing for automatics boot-up, delay times when the vehicle is turned off and lowVoltage power protection to prevent battery drain.

Specifications

Integrated Networks	10/100/1000 Ethernet (2) Wi-Fi Bluetooth
Network Options	via PCIe Mini Card (4 slots) Commercial Carrier 3G/4G (Dual SIM) FirstNet LTE Ready Wi-Fi AP+Client
SIM Card Slots	2
Additional I/O	USB (3) RS232/485 (1) RS232 (2) 8-bit DIO (1) Display Port (1) VGA (1)
Cisco Embedded Networking	Cisco 5921 ESR
Max Available Throughput	100 Mbps
CPU	Intel ATOM Quad Core E3845 1.91 GHz
Memory	Up to 8 GB
Storage	Up to 1 TB SSD (1 bay, user accessible)
Power	9-36 VDC
Environmental	Op Temp -30/+70° C Shock/Vib MILSTD 810F
Case Type	Automotive Ruggedized, Fanless VESA & Wall Mount
Dims (WxHxD)	10.2" x 2.0" x 7.0"
Weight	4.6 lbs
Location	GPS/Glonass
OBD2/CAN	Available as option
Certifications & Ratings	CE, FCC Class B PTCRB Verizon AT&T

The Cisco 5921 ESR is part of the Cisco Internet of Things (IoT) portfolio, designed to create a highly secure, simple, and reliable network. It can enable connections to devices, applications, and people in a way that reduces disruption while adding value to each connected service.



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