

GateX WIREPAS GATEWAY SERIES



Connected Development (CD) introduces the GateX Series of Wirepas Gateways, created to offer the impressive benefits of the decentralized Wirepas infrastructure, while offering a cost-effective, flexible, and powerful solution for diverse Internet of Things (IoT) applications.

GateX Gateways offer multi-protocol WAN support and come equipped with LTE, Wi-Fi, and Ethernet WAN options, one or two Wirepas Sinks, and optimal onboard processing capabilities for edge processing and positioning support. The GateX Gateway integrates a Linux OS with a flexible cloud interface for edge processing, configuration/device management, updates, and data up linking to enable a wide range of industrial applications.

Multiple configurations of WAN and Wirepas network support provide solution and cost flexibility, while Connected Development's comprehensive engineering design services can provide application-specific models if needed.

BENEFITS

- Small form factor: Tabletop, wall, ceiling, and post mountable.
- Multiple WAN uplink combinations with fallback.
- Simple cloud interface for device configuration and updates.
- Simple automatic provisioning in the field.
- Supports Wirepas positioning engine.
- Wirepas Network Interface internal or external

Note: This product is under development.



OPTIONS

- 1 Any combination of WAN**
 - LTE Cat M1
 - Wi-Fi 802.11 b/g/n
 - 802.3 Ethernet 10/100
- 2 PoE**
- 3 Single or double Wirepas Sink Nodes**

FOR MORE INFORMATION

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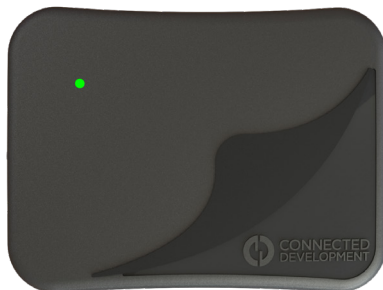
KEY FEATURES

- ARM A5, multiple FLASH options up to 256GB, 512MB RAM
- Yocto (Kirkstone 4.0.8) Linux OS (5.15)
- Secure communications
- Wirepas V5.X with an option of one or two Sinks
 - Internal WNI capable
- WAN (any combination):
 - LTE Cat M1 (3G and 2G fallback options)
 - Wi-Fi 802.11 b/g/n
 - Ethernet 802.3 with optional PoE
- Internal antennas (external option)
- Fully configurable via cloud or local UI
- IP30 rated 4.1" x 5.4" x 1.8" enclosure - table, wall, ceiling and post mountable
- USB C power socket for external PSU
- Compliance: FCC/CE (EMC, Radio & Safety); RoHS; REACH

KEY APPLICATIONS

IoT applications

- Asset Tracking
- Environmental Monitoring
- Smart Lighting
- Building Automation
- Healthcare Applications
- Retail Analytics
- Smart Manufacturing
- Smart Warehousing
- Fleet Management
- Laboratory Monitoring
- Energy Management
- Security and Access Control
- Hospitality Services
- Data Center Management
- Education and Campus Management



Services

Part of the Exponential Technology Group Electronic Services (XTG ES) division, a group of 50+ engineers with over 30 years of expertise supporting thousands of Fortune 500 and startup businesses across the globe—Connected Development offers comprehensive design services, pre-compliance testing, BOM fulfillment, and support through to volume manufacturing. Our services aim to protect your investment, while extending the life of your solution or product, and reducing total cost of ownership.

Customization Support

With Connected Development you have the ability to work one-on-one with an experienced engineer, to tailor the product to your individual needs.

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