

Edge Intelligence Card



The Flexible Distributed Intelligence Platform

Landis+Gyr's Edge Intelligence Card is an integral Gridstream® Connect Internet-of-Things (IoT) component that transforms devices into intelligent edge sensors regardless of communications capabilities. Gridstream® Connect is the only utility IoT platform designed to meet today's industry challenges while providing a platform for growth and innovation as needs evolve. The Edge Intelligence Card enables simple and seamless device integration. Leveraging flexible communications and application environment capabilities, the Edge Intelligence Card supports Gridstream® Connect's full end-to-end standards-based application layer security and automation capabilities to utility Distribution Automation devices and an ecosystem of IoT sensors. This enables utilities who wish to leverage third-party communications networks to remain in full control of sensitive information and ensures cybersecurity of sensitive data or control commands when integrated with third party devices.

INTELLIGENCE WHEN AND WHERE YOU NEED IT

- Add processing power for even greater intelligence
- Compact size allows for simple and seamless device integration
- Robust SDK supports rapid application development
- Supports custom developed Java applications, Landis+Gyr applications, or DCW applications
- Robust, secure, and maintainable Linux OS

SUPPORTS MULTIPLE COMMUNICATIONS TECHNOLOGIES

- Standard mPCIe communications slot to rapidly integrate into IoT devices
- Support multiple RF communication technologies including, but not limited to, 4G LTE-M, cellular, or Gridstream Connect radios

LIMITLESS POTENTIAL FOR GROWTH AND INNOVATION

- Facilitates growth of utility and consumer-focused use cases
- Provides Future-Ready capability



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PRODUCT SPECIFICATIONS

GENERAL	
Processor Type	528MHz
Clock Ref	120 MHz
RAM (Internal)	512MB
Additional Memory	NVRAM Flash, 4GB
Power Consumption	4V up to 5V

ENVIRONMENTAL	
Operating Temperature	-40°C to 85°C
Dimensions	2.49 inches long x 1.6 inches wide with mPCIe standard thickness

For radio specifications, refer to Landis+Gyr Network node data sheets for details. This information is provided on an "as is" basis and does not imply any kind of guarantee or warranty, express or implied. Changes may be made to this information.

GET IN TOUCH

For more information and nationwide warranty terms, visit us at landisgyr.com or call at 888-390-5733.



LET'S BUILD A BRIGHTER FUTURE TOGETHER

Since 1896, Landis+Gyr has been a global leader of energy management solutions. We've provided more than 3,500 utility companies all over the world with the broadest portfolio of products and services in the industry. With a worldwide team of 1,300+ engineers and research professionals, as well as an ISO certification for quality and environmental processes, we are committed to improving energy efficiency, streamlining operations, and improving customer service for utility providers.

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