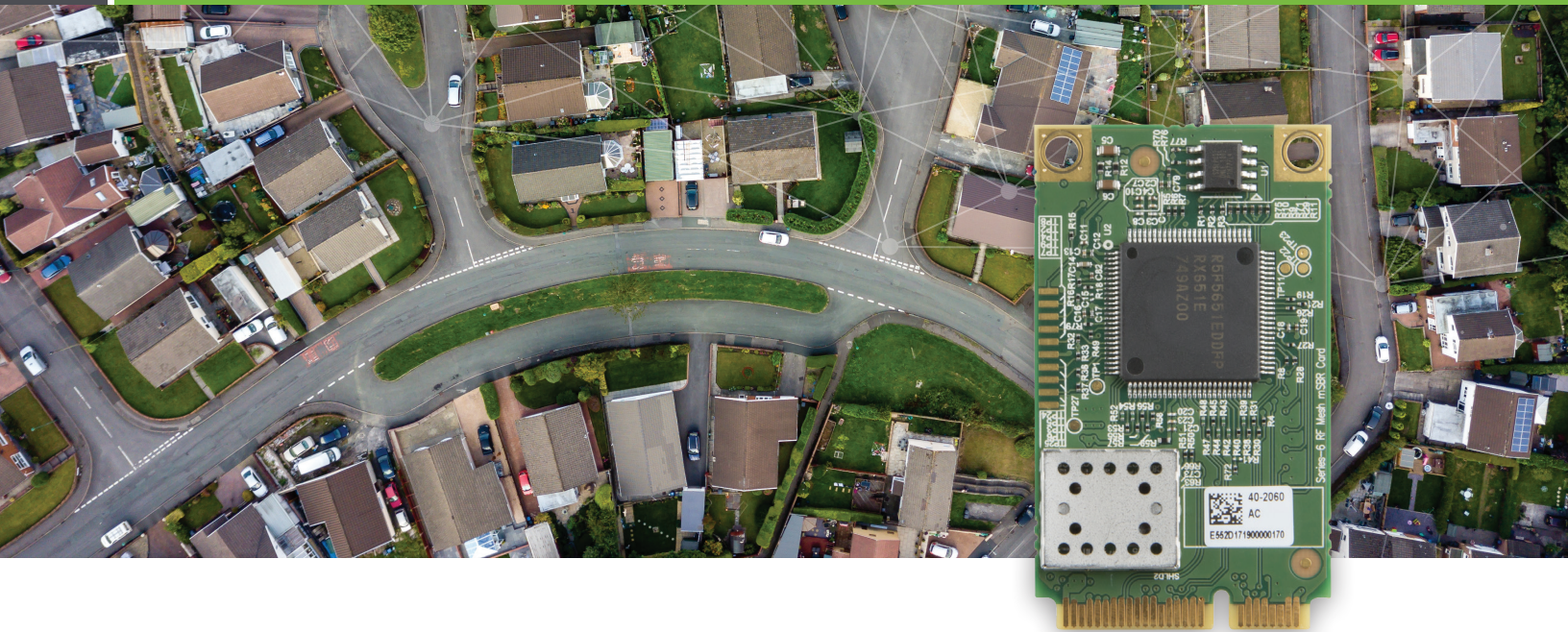# Series 6
Network Node

Small and Mighty Edge Intelligence

Landis+Gyr's Series 6 Network Node (N651) is key to building a single, integrated IoT network for your utility future. The Series 6 Network Node is a fully-functional, Network Interface Card (NIC) that is mPCIe standard-enabled with dual-band capability to allow simple network and sensor device integration. This is foundational to Landis+Gyr's industry-leading IoT networking solution, Gridstream® Connect. With proven Wi-SUN FAN interoperability, the Series 6 Network Node provides utilities with the flexibility to scale their IoT platform to meet growing customer demand, while strengthening and extending the network to integrate with existing AMI or DA networking equipment and third-party IoT devices.

EASY INTEGRATION WITH IOT DEVICES

- Small size allows for seamless integration into sensor modules
- Configurable output power
- "Plug and play" design
- mPCIe standard connection
- Wi-SUN FAN

LEVERAGE AND EXTEND YOUR EXISTING NETWORK

- Compact dual-band 900 MHz + 2.4 Ghz radio
- Designed to support open standards-based communications technologies

EDGE INTELLIGENCE PLATFORM

- On-board microprocessor
- Device supports application development
- Facilitates growth of utility and consumer-focused use cases

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EASY INTEGRATION WITH IoT DEVICES

LEVERAGE AND EXTEND YOUR EXISTING NETWORK

EDGE INTELLIGENCE PLATFORM

Landis+Gyr

Network Node

PRODUCT SPECIFICATIONS

POWER SUPPLY	
Input Voltage Range	3.3V mPCIe standard

GENERAL	
Clock Speed	120 MHz
RAM Memory	640 Kbytes
FLASH Memory	2 MB + 4 MB External
RF Modulation	IEEE 802.15.4 SUN FSK, O-QPSK & OFDM
RF Bands	900 MHz & 2.4 GHz Simultaneous Operation

PHY DEFINITION	
Communication Protocol (PHY)	802.15.4-2015

HARDWARE DATA RATES	
900 MHz Band	50 Kbps – 2400 Kbps
2.4 GHz Band	100 Kbps – 2400 Kbps

OUTPUT POWER	
Output Power	1 W Max
RF Frequency Range	2400 – 2485 MHz

ENVIRONMENTAL	
Operating Temperature	-40°C to 85°C

Kbps = Kilobytes per second

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 us 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.

Landis+Gyr