



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

Edge Intelligence Platform

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

Leverage and Extend Your Existing Network

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

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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 Operation
PHY Definition	
Communication Protocol (PHY)	802.15.4-2015
Hardware Data Rates	
900 MHz Band	50 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

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Let’s build a brighter future together.

Landis+Gyr is a leading global provider of integrated energy management solutions. We measure and analyze energy utilization to generate empowering analytics for smart grid and infrastructure management, enabling utilities and consumers to reduce energy consumption. Our innovative and proven portfolio of software, services and intelligent sensor technology is a key driver to decarbonize the grid. Having enabled 9 million tons of CO₂ savings in FY 2024 through our product offerings, Landis+Gyr manages energy better – since 1896. With sales of USD 1.7 billion in FY 2024, Landis+Gyr employs around 6,300 talented people across five continents. For more information, please visit our website www.landisgyr.com.