JENEsys® Edge™ 534
PRODUCT FACT SHEET

Deliver the Reliability of Niagara to the Edge

JENEsys® Edge™ products are a new generation of IoT controllers combining the Niagara Framework® with Lynxspring's Onyxx® platform. A first-of-its-kind, the JENEsys Edge 534 combines a fully programmable controller that leverages Niagara, provides 34 points of IO on-board, and web server duties into a single device. Taking Niagara to the edge with real-time control—the JENEsys Edge 534 *utilizes the same familiar Workbench software, Niagara programming tools and Fox Protocol.*

Connect & Access Data—*Anytime, Anywhere*

Purpose-built, Lynxspring's JENEsys Edge 534 delivers edge connectivity, data access and control for today's small to mid-sized facilities, plant control, machine-to-machine and IoT applications that require smart edge technology.

Reduce Engineering Time & Installation Costs

The JENEsys Edge 534 combines Niagara and Onyxx a proven IoT edge hardware platform, enabling facility managers and operators to use a known user interface *(ProBuilder/Workbench)* to achieve operational efficiencies between multiple systems and/or devices, facility management functions, equipment control and business applications. Bottom line, Niagara and the JENEsys Edge 534 licensing is well suited to take Niagara into smaller or mid-sized and price-sensitive applications.

JENE-EG534 Specifications

- Supports JAVA Web Start without JAVA Plug-Ins
- Standard Drivers—Niagara Network (Fox), BACnet, Modbus, Web & oBIX
- Compatible with many additional drivers
- 10 Digital Outputs, 8 Analog Outputs & 16 Universal Inputs
- 10/100 Mbps Ethernet (2), RS-485 (2), USB (2)
- 4G eMMC Flash Memory
- 1GHz AM335x ARM Cortex A-8 Processor
- Application-specific apps can be added
- Wired 24 VAC/DC power input, ideal for equipment control and monitoring applications
- Runs on Onyxx®—an extensible platform
- Global Capacities
- 35 mm DIN rail or flat panel mounting

Features

- JENEsys = fully programmable Niagara controller
  - ✓ Fox Protocol
  - ✓ ProBuilder/Workbench
  - ✓ Same Programming Tools
- 34 Points of IO On-Board and Enables an Onyxx Network
- Add to a JENE-EG534, up to 8 additional extender modules *(at 34 points of IO each)* for a maximum of 306 points
- Fast & Increased Memory Capacity
- Small Unit Footprint *(4.5" x 4.25" x 2.25")*
- Linux OS

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LYNXSPRING
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Lynxspring's Newest IoT Technology

The Onyxx® XM 34IO and Onyxx® XM 34IO-B *(BACnet)* are configurable, introduce the Onyxx Network and can be used to add additional IO's to the JENEsys® Edge™ 534, as well as Lynxspring's JENEsys® PC 3000, 6000, 8000 or any JACE®.

Onyxx® XM 34IO Extender™ Module

Use Cases

- Additional IO for a JENEsys Edge 534
- The Onyxx Network Supports all Onyxx XM 34IO Modules

Features

- Extremely compact, modular design allows flexibility/versatility in various combinations of IO
- Extends 34 Points to a BACnet or Onyxx Capable Controller
- 34 Points of Inputs/Outputs
- Add to an Onyxx XM 34IO, up to 8 additional extender modules *(at 34 points of IO each)* for a maximum of 306 points
- Small Unit Footprint *(4.5" x 4.25" x 2.25")*

Specifications

- 10 Digital Outputs, 8 Analog Outputs & 16 Universal Inputs
- USB (1), Onyxx Network
- Wired 24 VAC/DC
- 35 mm DIN rail or flat panel mounting

Onyxx® XM 34IO-B Extender™ Module

Use Cases

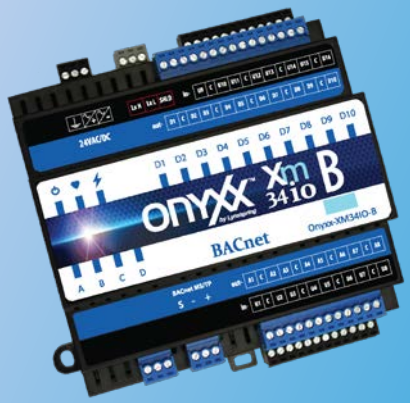
- IO to a JENE/JACE 8000 Controller
- IO for 3rd Party BACnet MS/TP Client Controllers
- IO for a JENEsys Edge 100 Controller

Features

- Runs on Onyxx®—an extensible platform
- BACnet MS/TP
- Extremely compact, modular design allows flexibility/versatility in various combinations of IO
- Extends 34 Points of Inputs/Outputs to BACnet Controllers
- 34 Points of Inputs/Outputs
- Slave BACnet MS/TP device that can be integrated by a BACnet client controller
- Add to an Onyxx XM 34IO-B, up to 8 additional extender modules *(at 34 points of IO each)* for a maximum of 306 points
- Small Unit Footprint *(4.5" x 4.25" x 2.25")*

Specifications

- 10 Digital Outputs, 8 Analog Outputs & 16 Universal Inputs
- RS-485 (1), USB (1), Onyxx Network
- Wired 24 VAC/DC
- 35 mm DIN rail or flat panel mounting



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