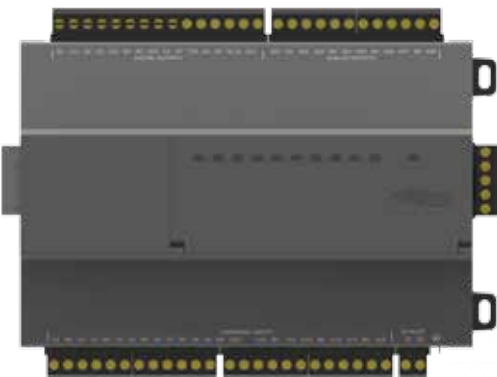# JENE PC8000
IO R

PRODUCT DEFINITION

IO R is part of Lynxspring's portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration. IO R allows the JENE PC8000 to interface directly with simple non-intelligent inputs and outputs remotely located up to 4,000 feet from the JENE. The connection is established via an industry-standard RS 485 multi-drop communications bus. Multiple IO R devices can be utilized on a single JENE, providing 250+ IO points on a single JENE.

JENE-PC8000-R-16

JENE-PC8000-R-34

SPECIFICATIONS

Niagara 4 – Requires Niagara 4.3 or later
Niagara AX – Requires Niagara 3.8u3 or later

JENE-PC8000-R-16

8 Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor

4 Relay outputs (Form A contacts, 24VAC @ .5 amp rated)

4 Analog outputs (0-10VDC)

Powered from JENE-PC8000-R-34

Connected to JENE PC8000 remotely over a shielded RS485 bus

JENE-PC8000-R-34

16 Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor

10 Relay outputs (Form A contacts, 24VAC @ .5 amp rated)

8 Analog outputs (0-10VDC)

Powered from a 24VAC/DC source

Can power up to 4 JENE-PC8000-R-16 modules

Connected to JENE PC8000 remotely over a shielded RS485 bus

powered by

niagara
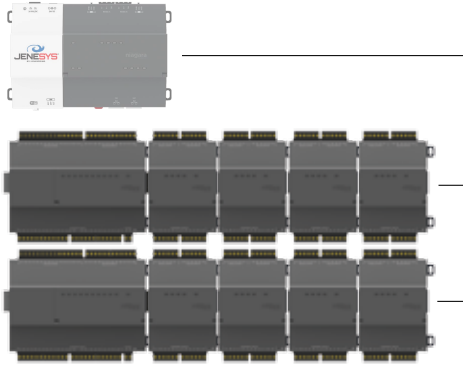framework®

EXPANDABILITY

MAXIMUM EXPANSION

- (8) JENE-PC8000-R-34s

    or

- (16) JENE-PC8000-R-16s

POWER

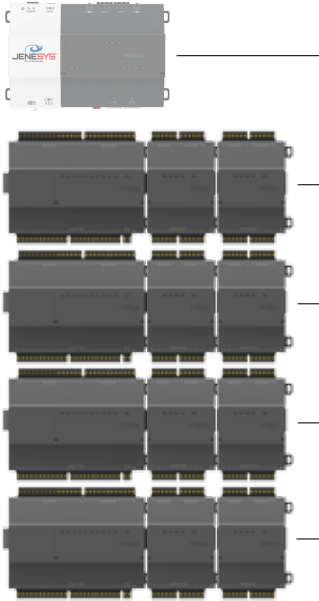One JENE-PC8000-R-34 can power four JENE-PC8000-R-16 modules

COMMON CONFIGURATIONS
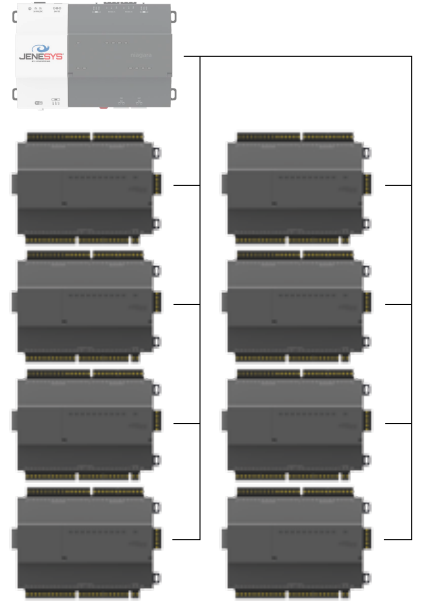
**Maximum configuration
for 2 panels**

**Maximum configuration
for 4 panels**

**Maximum configuration
for 8 panels**

Shown with maximum of four
JENE-PC8000-R-16s per one
JENE-PC8000-R-34

AGENCY CERTIFICATIONS

- UL 916
- C-UL
- CE EN 61326-1:2013
- RCM

- FCC part 15, class b
- RoHS2
- REACH
- WEEE

- China ROHS
- Open Energy
  Management Class 2

ENVIRONMENTAL SPECIFICATIONS

- **Operating temperature:** -20–60°C
- **Storage temperature:** -40–85°C
- **Humidity:** 5%–95% — Non condensing

- **Shipping & vibration:** ASTM D4169, Assurance Level II
- **MTTF:** 10 years+

MOUNTING & DIMENSIONS

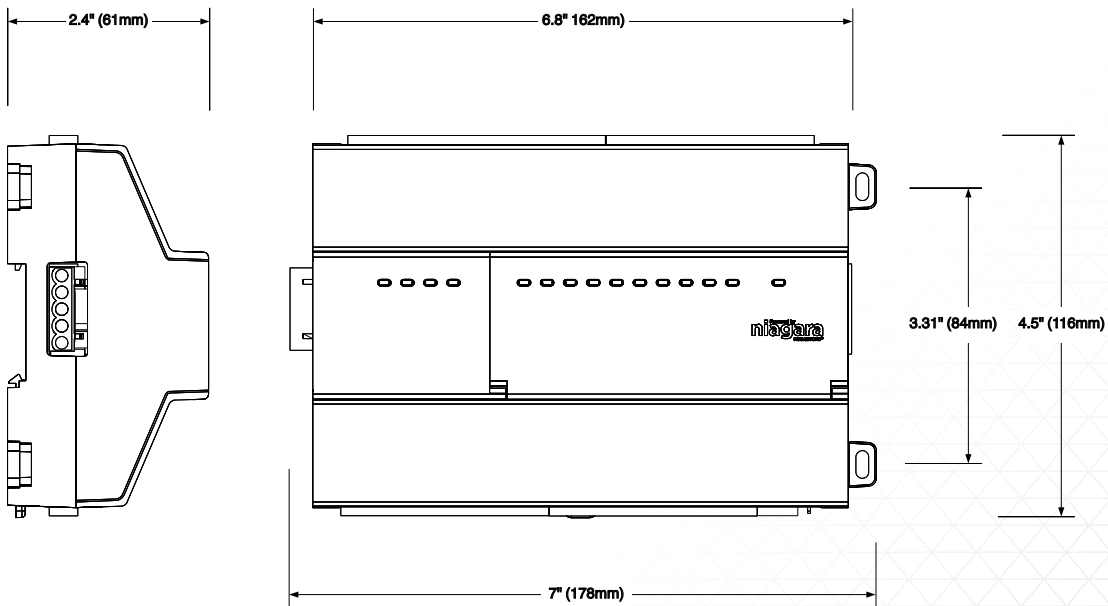The JENE PC8000 IO modules support mounting on standard 7.5mm x 35mm DIN rail or panel mounting.

JENE-PC8000-R-16

82.5mm (w) x 116mm (h) x 61mm (d) (3.25 in x 4.5 in x 2.4 in)
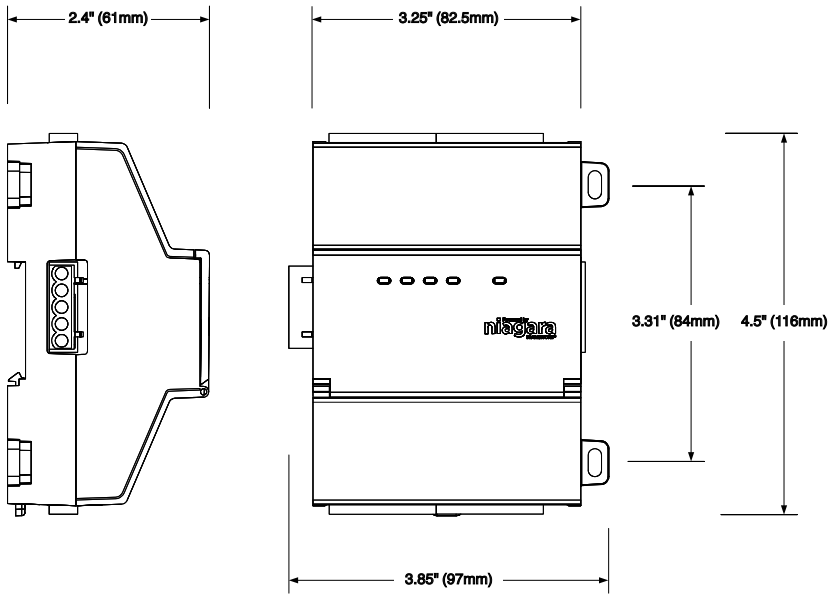
JENE-PC8000-R-34

162mm (w) x 116mm (h) x 61mm (d) (6.8 in x 4.5 in x 2.4 in)

ORDERING INFORMATION

Part number	Description
JENE-PC8000-R-16	16 Point IO Module. Powered by JENE-PC8000-R-34. Connected to JENE PC8000 remotely over RS485.
JENE-PC8000-R-34	34 Point IO Module. Powered by 24VAC. Capable of powering four JENE-PC8000-R-16 modules. Connected to JENE PC8000 remotely over RS485.

NIAGARA FOR REMOTE MONITORING APPLICATIONS

JENE PC8000   IO module   Fan
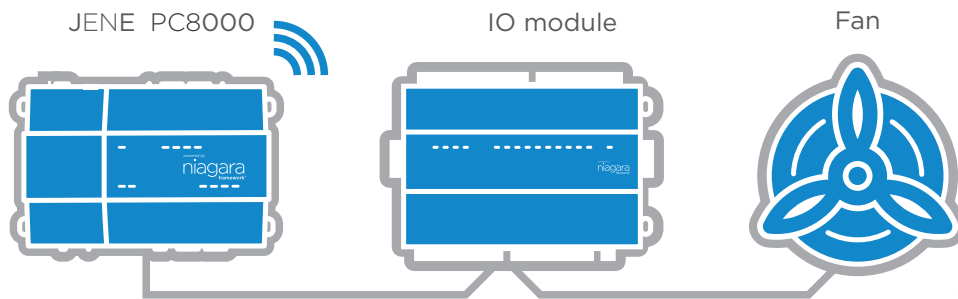
The JENE PC8000 IO R is available through a wide variety of original equipment manufacturers. Our open distribution business model and open protocol support allow a vendor-neutral application compatible with devices and systems throughout the world.

lynxspring.com

Customer support worldwide

Headquarters	Support
North America	*Worldwide*
1 816 347 3500	1 877 649 5969

2017-0012