

## TECHNICAL SPECIFICATIONS

# Treon Industrial Node C

### Dimensions

52.8 x 43.0 x 24.9 mm 2.08 x 1.69 x 0.98 inch

Mounting: Direct glue / epoxy mounting on flat surface

Weight: 54 g / 1.9 ounces

### Environment

Operating temperature: -20°C to +80°C / -4°F to +176°F

Storage temperature: +10°C to +30°C

IP rating: IP69

### Wireless communication

Bluetooth Low Energy 5NFC

### Battery

Lithium metal non-rechargeable batteries

Battery lifetime up to 5 years

(Battery life is dependent on ambient and mounting surface temperature)

### Accelerometer

Triaxial acceleration measurement

Dynamic range:  $\pm 16g$  Frequency range: up to 1000 Hz

### Sampling rate

6600 Hz

Resolution: 16bit

### Vibration data delivery

Velocity: RMS, Peak (10–1000 Hz)

Acceleration: RMS, Peak (10–1000 Hz)

### Temperature

Resolution: 0.1°C

(0.18°F) Accuracy:  $\pm 0.5^\circ\text{C}$  ( $\pm 0.9^\circ\text{F}$ )

### Software

Treon Connect compatibility – seamlessly integrated with Treon Connect middleware and applications

### Certifications

Commercial availability in Europe, United States, and Canada from Q3 2025\*



\*Additional market availability from Q4 2025, subject to regional certifications