# EdgeOne

*Connectivity at the RuggedEdge*

EdgeOne is the titan of industrial-grade edge computing hubs, specifically engineered to empower your enterprise in the most challenging environments. With its Class 1 Division 1, ATEX Zone 1 intrinsically safe certification, it's designed to operate safely in hazardous areas where explosions or fires are a risk. EdgeOne features 5G and Wi-Fi 6 connectivity, ensuring high-speed data transfer and unwavering communication in critical operations. Its rugged build is matched with an advanced processing capability, making it the ideal choice for industries that require the utmost in performance and safety. Seamless compatibility with the EdgeConnect software platform ensures that EdgeOne is not just a device but a pivotal component of your integrated industrial ecosystem.

## Features

- Public / Private 5G
- Certifications
  - Class 1 Division 1
  - ATEX Zone 1
  - Intrinsically Safe
- IP68
- MIL-STD 810H
- Enterprise Android OS

## Technical Specifications

| | |
|---|---|
| **Operating System** | Enterprise Android OS |
| **Processor** | Qualcomm QCM6490<br>Kryo 670 CPU technology with 6th generation AI engine |
| **Memory** | 4 GB RAM \| 64 GB internal memory |
| **Display** | Color touch display \| 2.4 inch: FHD \| 240 x 320 px \| Gorilla Glass |
| **Dimensions/Weight** | 4.91 x 2.55 x 1.46 inches \| 11.3 ounces |
| **Resistance** | IP68 dust/waterproof and MIL-STD 810H |
| **Temperature** | -20 °C to +60 °C |
| **Battery** | 4209 mA \| replaceable |
| **Connectivity** | WiFi 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v \| BT 5.2 \| NFC |
| **Sensors** | Accelerometer \| Gyroscope \| Magnetic \| Barometer |
| **Location** | GPS \| A-GPS \| Galileo \| Glonass \| Beidou |
| **SIM** | nano SIM \| eSIM |
| **Frequency Bands** | 4G – FDD Bands: 1 /2/3 /4/5 /7 /8 / 12 / 13 / 14 / 17 / 20 / 25 / 26/ 28 / 29 / 30 / 66 / 71<br>4G – TDD Bands: 38 / 39 / 40 / 11 / 42 / 43 / 48<br>5G – Bands: n1 / n2 / n3 / n5 / 5,7 / n8 / n12 / n20 / n25 / n28 /n38 / n40 / n41 /n48 /n65 / nil / n77 / n78 / n79 |
| **Hotspot capability** | Up to 32 user |

**Public/Private 5G to the cloud**

RuggedEdge cloud-based apps using AI & data analytics

Purpose-built, industrial grade, edge computing IIOT hub with 5G and enterprise-grade Wi-Fi 6 & Wi-Fi 6E connectivity

**WiFi**

**BT**

**NFC**

**EdgeConnect Management Software**
(from cloud to end device, and back again)

- Wearable Computing
- Gas Sensors
- Temperature Guns
- Smart Tools
- Ultrasonic Probes
- Electronic Meters
- High Res and IR Cameras
- Health Monitors
- Hearing Protection
- Land Mobile Radios
- Pressure Calibrators
- Scanners
- PPE Tracking & Compliance
- Asset Tracking & Maintenance