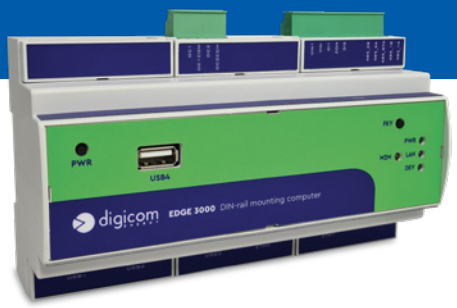


SMART ENERGY

Smart Energy is a new way to relate between man and energy sources, in new ecosystems that use hardware devices connected to the Cloud.



EDGE 3000
Code 8D5918

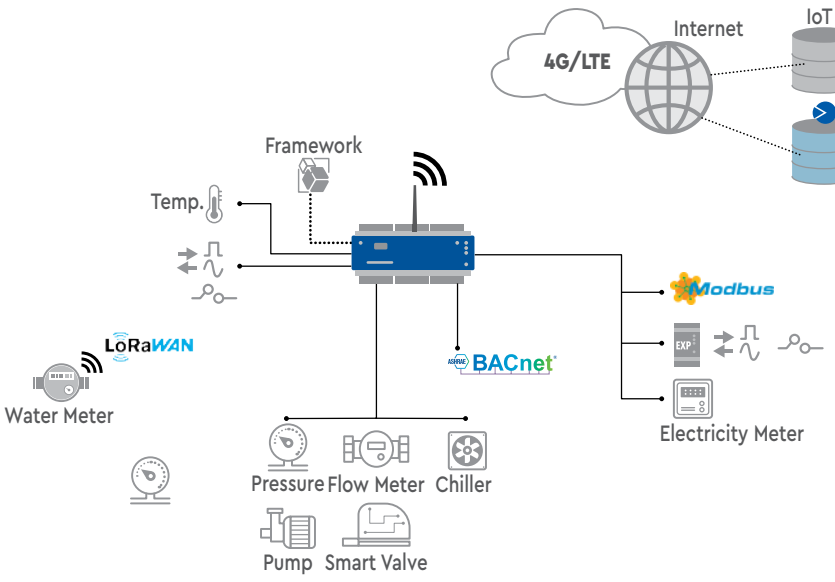
EDGE computer for IoT Ecosystems

- **Integrated Linux Operating System**
- **ARM Cortex A7 Dual core processor @1Ghz**
- **Integrated 4G module available**
- **8GB Flash**
- **Internal memory up to 128 GB microSDHC**
- **1 LAN Giga + 1 LAN 10/100 Mbps**
- **2 RS485 serial interfaces**
- **Digital and Analog inputs**
- **Input for temperature probes**
- **Digital outputs**
- **Wi-Fi, Bluetooth, Wireless 169 or 868MHz**
- **Digicom Framework support**
- **Third Party Framework Support:**
  FIN Framework
  AWS IoT Green Grass
  IBM EDGE
  openHAB
  Node-RED

EDGE 3000 is used in **different application environments**, that allows full configuration, modularity and scalability.
Designed to meet the new intelligent processing needs in **Smart Building** and Energy Management applications.

It has been developed on a versatile and high-performance hardware platform, EDGE 3000 takes full advantage of the solid embedded **Linux** platform to offer a flexible and configurable software package.

EDGE 3000, used in **combination with third party software**, operates in local and Cloud environments for the integration of controls and supervision systems.
Among the main installable suites you find FIN FRAMEWORK by J2Innovation (Siemens Group) or OSGI OpenHab.



DiF Framework

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digicom ENERGY

EDGE 3000 offers a powerful and flexible environment for designers, System Integrators and OEMs.

EDGE 3000 can be used as EDGE computer or even as a Gateway/Hub. It can equip up to 12 communication protocols according to versions.





TECHNICAL FEATURES

MAIN FEATURES

- ARM Cortex A7 dual core processor @1GHz
- 2 GB DDR3 RAM (upgradeable up to 2GB)
- 8 GB Flash Memory (upgradeable up to 32GB)
- Up to 128 GB microSDHC
- 4 ports USB 2.0 Host
- Real Time Clock
- Linux and JVM embedded, compliant with OTA update, compliant with OSGi, FIN FRAMEWORK, IBM EDGE and other softwares
- MQTT publication/subscription
- Local and remote configuration via internal WEB server
- 2 buttons (power on /power off, programmable function key)
- 1 reset/restore button
- 4 Status LED: 1 PWR, 1 LAN, 1 Internet, 1 DEV, 1 M2M

CONNECTIVITY

- LAN
  1 Gbit Ethernet (RJ45) + 1 Fast Ethernet 10/100 Mbps (RJ45)
  2 optoisolated RS485 serial ports
- Wireless
  Wi-Fi 802.11b/g/n/ac with internal antenna 5GHz – 2.4GHz
- 4G Cat 4 module
  4G/3G/2G with SMA connectors and external antennas (4G model only)

INPUT/OUTPUT

- Input
  2 input Dry Contact
- Outputs
  2 Open Collector (max 80 Vdc and 80 mA) optical insulation up to 3,75 kVrms

TEMPERATURE

- Operating: -5°C ÷ 50°C
  Humidity from 5% ÷ 95% non condensing

POWER

- Input: from 12 ÷ 24 Vdc (@ 12Vdc – 2A)

CASE

- 9M DIN-RAIL and screws for wall mounting
- Material: ABS
- Size: 159mm x 90mm x 58mm (without antennas)
- Weight 0,5 kg

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