

# MC IC3040 LTE Industrial Computer

## Robust DIN-Rail Fanless Embedded System with Intel® Atom™ Processor

- Fanless design
- Intel® Atom™ Processor
- 2 GB RAM wide temperature
- 16 GB SSD wide temperature
- 4 x RS-232/422/485
- 2 x 10/100/1000 Mbps Ethernet Controller
- LTE/HSPA+/UMTS/EDGE/GPRS onboard
- MIMO antenna connectors
- GPS receiver optional
- RTC Battery function
- Power Supply 12V - 24VDC

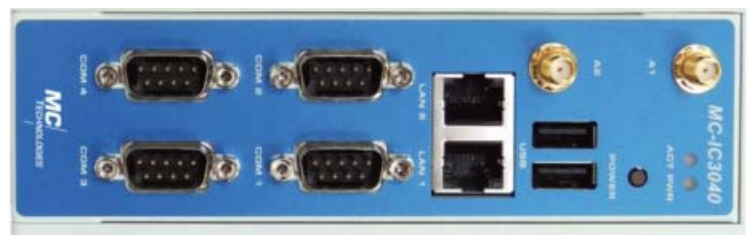
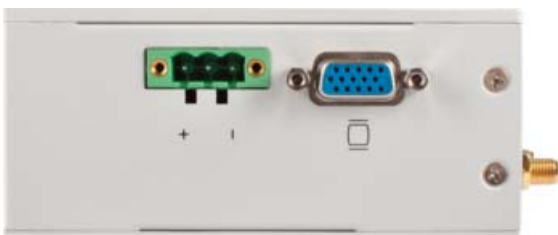
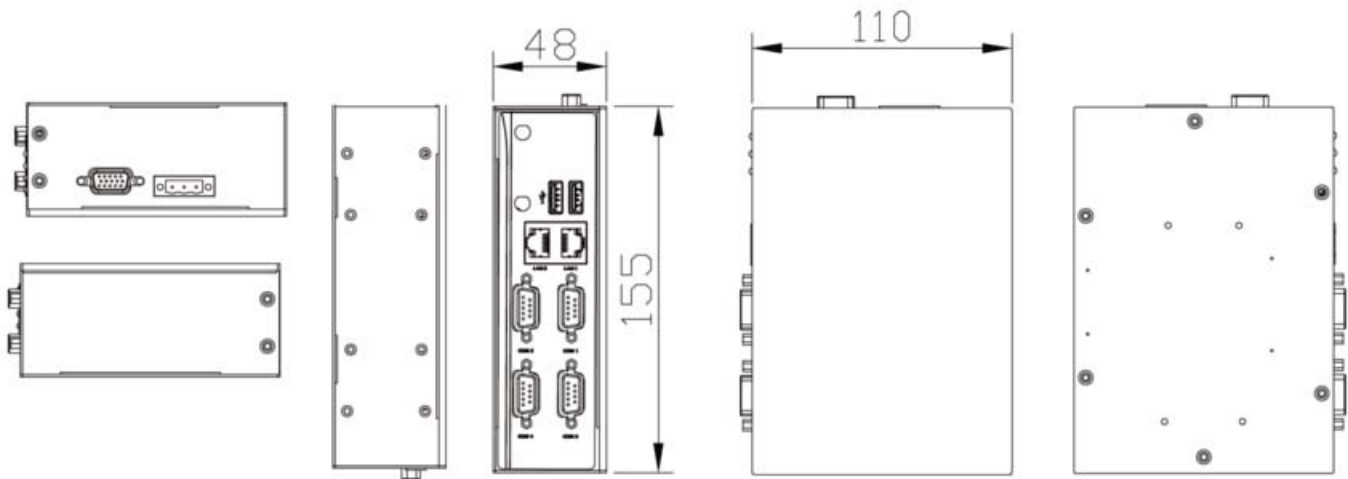


# MC IC3040 LTE Industrial Computer

## Specifications

- Construction: Extruded aluminum and heavy-duty steel, IP40
- CPU: Intel® Atom™ Processor E3815 1.46GHz
- System: Memory DDR3L-1066 MHz SO-DIMM 2 GB -40°C to +85°C
- BIOS: AMI UEFI BIOS
- Interfaces: Serial Ports 4 x RS-232/422/485 (COM 1-4)  
Select by BIOS  
Supports Auto Flow Control in RS-485 mode
- USB 2 x USB 2.0
- RTC Battery on board
- Storage 1 x SATA SSD 16 GB -40°C to +85°C
- LAN 2 x isolated 10/100/1000 Ethernet ports, no switch
- VGA 1 x DB15 connector
- Power Input 1 x power input 12V-24VDC with terminal block
- Wireless LTE: B1/B2/B3/B5/B7/B8/B20  
HSPA+/HSPA/UMTS: 850/900/1900/2100 MHz  
EDGE/GPRS/GSM: 850/900/1800/1900 MHz  
1 x SIM socket  
2 x Antenna SMA
- Watchdog Timer: 1 WDT; one step is 1 sec or 1 min 255 levels
- System Indicator: Power, Active
- Power rating: 12-24 VDC, 1.21-0.66A
- DC Version: OVP, Reverse protection
- Operating Temperature: -20°C to +70°C
- Storage Temperature: -40°C to +85°C
- Humidity: 5% to 95%
- Vibration Endurance: 2g@5-500Hz, amplitude 0.35mm (operation/storage/transport)
- Weight: 1 kg
- Dimensions: 48 x 110 x 155 mm
- Certification: CE, FCC
- EOS Support: Windows® 7 Embedded  
Windows® 8 Embedded  
Linux/Ubuntu support package
- Scope of delivery: MC-IC3040 System Unit  
Power Terminal Block  
DIN Rail Kit

## Dimensions



## MIMO antennas (optional)

### MC0114520



698 - 960 MHz  
1710 - 2700 MHz  
2G 3G 4G  
Broadband antenna  
2 x 2m SMA (male)

### MC0114539



800 - 960 MHz  
1710 - 2170 MHz  
2500 - 2700 MHz  
2x CS29 SMA (m)  
omni-directional  
wall, mast and desk  
mount (optional)  
IP67

### MC0114540



698 - 800 MHz  
800 - 960 MHz  
1710 - 2170 MHz  
2396 - 2700 MHz  
2x CS29 SMA (m)  
directional  
wall, mast and desk  
mount (optional)



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## Company profile

**We are a leading European provider of innovative solutions for:**

- Machine-to-machine (M2M) hardware and end-to-end solutions
- GSM/GPRS/UMTS/HSPA+/LTE/GPS modules, terminals and router
- Short range modules and solutions
- Customer-specific cable assemblies
- Connectors and assembly groups for industry
- Measuring and inspection technology

**Thanks to our many years of experience we can offer:**

- A broad, attractively priced range of products meeting German quality standards
- Competent technical advice on product selection and design-in
- Quick, professional implementation of all associated commercial and logistical processes
- Comprehensive service concepts for our products and solutions

