

Item no.: 333443

## RE-AIOT-IGWS01-A30-CA40232EURF - UP Automation Edge Platform

from **554,53 EUR**

Item no.: 333443  
 shipping weight: 0.40 kg  
 Manufacturer: UP Bridge the Gap



### Product Description

RE-AIOT-IGWS01-A30-CA40232EURF-A11 - UP Automation Edge

Industrial PC platform powered by Intel Quad Core ATOM 1,92 GHz CPU offering two RS-232/485 serial ports and digital + analog I/Os. Connectivity is granted by Bluetooth (for short-range data acquisition), WiFi (mid-range), and 4G Quectel EC25E modem (EMEA).

- The solution is certified to the latest RED regulation (Radio Equipment Directive 2014/53/EU)
- Multi-radio gateway for industrial automation applications and OPC UA Server

#### Basic info

- Part number: RE-AIOT-IGWS01-A30-CA40232EURF-A11
- Mainboard: UP board
- Availability: Active

#### System level spec

- SoC: Intel(R) Atom(TM) x5-z8350 (up to 1.92 GHz)
- # of core: 4
- Graphics: Intel(R) HD 400 Graphics
- FPGA: Intel(R) FPGA Altera MAX 10
- Memory: 2 GB
- eMMC: 32 GB
- BIOS: UEFI
- RTC: Yes
- Wake on LAN (WoL): Yes
- Watchdog timer: Yes
- PXE: Yes
- Compatible OS: Microsoft Windows 10 full version, Linux (ubinux, Ubuntu, Yocto), Android
- Power requirement: 5 V DC-in (at) 6 A, 5.5/2.1 mm jack
- Power supply type: AT (default)/ATX
- Power consumption (typical): T.B.A.
- Dimension: 5.12 x 3.74 x 1.74 (130 x 95 x 44.2 mm)
- MTBF (hours): T.B.A.

#### Display

- HDMI: 1x (HDMI 1.4a)
- Display port: N/A

#### I/O

- USB 2.0 type A: 4
- USB 3.0 type A: 1
- USB 3.0 OTG Micro B: 1
- Serial port: 2x RS-485 (optional RS-232)
- HDD interface: 1x SATA 3.0
- AIO/DIO: 1x analog I/O + 4x digital I/O
- SIM slot: No

#### Connectivity

- Ethernet: 1x GbLAN (RealTek RTL8111H-CG)
- WiFi: Optional WiFi 802.11 a/b/g/n/ac 2T2R (Fangtec-GWF-5M02)
- Bluetooth: Bluetooth v4.0 (BLE)
- LTE/4G: LTE (EMEA)
- LoRa(R): RisingHF 868 MHz LoRa(R) radio

#### Cooling

- Cooling: Passive cooling (fanless)

#### Environment

- Operation temperature: 32°F ~ 122°F (0°C ~ 50°C)
- Storage temperature: -4°F ~ 158°F (-20°C ~ 70°C)
- Operation humidity: 0% ~ 90% relative humidity, non-condensing
- Certification: CE/FCC Class A
- Radio certification: CE RED 2014/53/EU

## Specifications

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