

Item no.: 333442

## UPS-EDIOT-X70864-UL02 - UP Squared IoT Edge [WiFi + LTE-Global]

from **768,20 EUR**

Item no.: 333442  
shipping weight: 0.50 kg  
Manufacturer: UP Bridge the Gap



### Product Description

#### UPS-EDIOT-X70864-UL02 - UP Squared IoT Edge [WiFi + LTE-Global]

The UP Squared edge compute system is your IoT and AI development platform, running Ubuntu. You'll connect your monitor, keyboard, mouse, and Ethernet, and use this platform to write your code.

- Intel(R) Apollo Lake SoC ATOM x7-E3950, 8 GB LPDDR4 memory, 64 GB eMMC storage
- 2x Gigabit LAN, 1x HDMI, 1x DP, 3x USB 3.0, 1x USB 3.0 OTG
- Ubuntu image pre-loaded
- WiFi + Bluetooth LTE Global enabled [WiFi+LTE-Global version]
- Including power supply, and US + EU power cord
- CE RED certified system

#### Basic info

- Part number: UPS-EDIOT-X70864-UL02
- Mainboard: UP Squared
- Availability: Active

#### System level spec

- SoC: Intel(R) Atom(TM) x7-E3950 (up to 2.0 GHz)
- # of cores: 4
- Graphics: Intel(R) HD Graphics 505
- FPGA: Intel(R) FPGA Altera MAX 10
- Memory: 8 GB
- eMMC: 64 GB
- BIOS: UEFI
- RTC: Yes
- Wake on LAN (WoL): Yes
- Watchdog timer: Yes
- PXE: Yes
- Compatible OS: Microsoft Windows 10 full version, Linux (ubilinux, Ubuntu, Yocto), Android
- Pre-installed OS: Ubuntu 16.04
- Power requirement: 5 V DC-in (at) 6 A, 5.5/2.1 mm jack
- Power supply type: AT (default)/ATX
- Power consumption (typical): 18 Watt
- Dimension: 3.93 x 4.13 x 2.73" (100 x 105 x 69.4 mm)
- MTBF (hours): 173,446 hours

#### Display

- HDMI: 1x (HDMI 1.4b)
- Display port: 1x (DP 1.2) 4K (at) 60 Hz

#### I/O

- USB 2.0 type A: 2
- USB 3.0 type A: 3
- USB 3.0 OTG Micro B: 1
- HDD interface: 1x SATA 3.0
- Expansion slot: 1x mPCIe, 1x M.2 2230 E key
- 40-pin GP bus: 1
- SIM slot: No

#### Connectivity

- Ethernet: 2x GbLAN (RealTek RTL8111H-CG)
- WiFi: WiFi 802.11 AC 2T2R
- Bluetooth: Bluetooth v4.2 (BLE)
- LTE/4G: LTE (Global)

#### Cooling

- Cooling: Passive cooling (fanless)

#### Environment

- Operation temperature: 32°F ~ 122°F (0°C ~ 50°C)
- Storage temperature: -40°F ~ 176°F (-40°C ~ 80°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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prices and availability

