

Item no.: RE-UPS-X70864F-RBM01

RE-UPS-X70864F-RBM01 - UP Squared RoboMaker Developer Kit [8 GB]

from **1.039,39 EUR**

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shipping weight: 0.50 kg

Manufacturer: UP Bridge the Gap



Product Description

RE-UPS-X70864F-RBM01 - UP Squared RoboMaker Developer Kit [8 GB]

This kit allows developers to create a complete integrated and scalable robotic solution. Capabilities like Machine Learning/AI (training in the cloud/inference at the edge), navigation and mapping, and video can all be done with Intel components. [Content:](#)

- 1x UP Squared board powered by x7-E3950 CPU, 8 GB memory, 64 GB eMMC
- 1x UP AI Core X module powered by Intel Movidius Myriad X
- 1x M.2 2230 Wi-Fi kit (Wi-Fi 802.11 AC 2T2R) for UP Squared metal chassis
- 1x RealSense D435i camera
- 1x power supply
- 1x US power cord + 1x EU power cord
- Software package with AWS RoboMaker integrated

- UP board version: UP Squared
- SoC: Intel ATOM x7-E3950
- Graphics: Intel HD Graphic 505
- System memory: 8 GB LPDDR4
- Storage capacity: 64 GB eMMC
- USB 2.0 external connector: x4
- USB 3.0 port: 1x USB 3.0 host, 1x USB 3.0 OTG
- Ethernet: 2x Gb Ethernet (full speed) RJ-45
- Connectivity: Wi-Fi (802.11 AC 2T2R), LTE (N/A)
- WOL: Yes
- Video output: HDMI + DP
- Power input: 5 V (at) 6 A with DC jack 5.5/2.1 mm
- Operating temperature: 0°C - 60°C
- RTC: Yes
- PXE: Yes
- Expansion: 40-pin general purpose bus, supported by Altera Max V. ADC 8-bit (at) 188 ksos
- M.2 2230 E-key: x1
- SATA: x1
- Operating humidity: 10% ~ 90% rH non-condensing
- Certificate: CE/FCC Class A, RoHS compliant, Microsoft Azure certified
- Vertical market: AI

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability



