

Item no.: 330802

RE-UPX-EDGEI7-A10-1664-F01 - UP Xtreme Edge Compute Enabling Kit

from **1.589,95 EUR**

Item no.: 330802
 shipping weight: 0.30 kg
 Manufacturer: UP Bridge the Gap



Product Description

RE-UPX-EDGEI7-A10-1664-F01 - UP Xtreme Edge Compute Enabling Kit

UP Xtreme Edge Compute Enabling Kit, powered by the 8th generation ultra-low power Intel(R) Core(TM) i7 CPU, is designed to boost your AI on the Edge solution. With a measure of 190 x 129 x 78.6 mm, the fanless system delivers a comprehensive set of features and I/O which allows you to reach astonishing performance. Ubuntu image pre-loaded.

- UP board version: UP Xtreme
- SoC: Intel(R) Core(TM) i7-8665UE
- VPU: Optional by adding AI Core XM2280, powered by 2x Intel(R) Movidius(TM) Myriad(TM) X
- Graphics: Intel(R) UHD Graphics 620
- FPGA: Intel(R) FPGA Altera MAX 5
- System memory: Onboard dual channel DDR4 memory, 16 GB
- Storage capacity: 64 GB eMMC
- USB 3.0 port: 4x
- Serial port: 2x RS-232/485/422
- I/O: Phoenix 1: 3V3, 5V, GND, I2C, 8x GPIO, 2x PWM; Phoenix 2: 3V3, GND, I2C, GPIO, CAN RS & TX, 7x ADC
- Ethernet: 2x Gb Ethernet (full speed) RJ-45
- Connectivity: Optional: Wi-Fi + Bluetooth (via M.2 2230) - Intel(R) AC9260 card; LTE (via mPCIe) - Quectel EG-25G
- WOL: YES
- Video output: HDMI + DP
- CEC: 1x
- Power input: 12-60 V DC
- Operating temperature: -20°C ~ 70°C
- RTC: YES
- PXE: YES
- mPCI-e: 1x
- M.2 2230 E-key: 1x
- M.2 2280: 1x (B+M key)
- Supported frameworks: TensorFlow, Caffe
- SATA: 1x
- Compatible operating system: Microsoft Windows 10 full version, Linux (ubilinux, Ubuntu, Yocto)
- Operating humidity: 10% ~ 80% RH non-condensing
- Certificate: CE/FCC Class A, RoHS compliant, Microsoft Azure certified
- Dimensions: 190 x 129 x 78.6 mm (7.48" x 5.07" x 3.09")

Specifications

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

