

Item no.: 330811

RE-UPX-EDGECR-A10-0464-F01 - UP Xtreme Edge Compute Enabling Kit

from **546,69 EUR**

Item no.: 330811
shipping weight: 0.20 kg
Manufacturer: AAEON



Product Description

RE-UPX-EDGECR-A10-0464-F01 - UP Xtreme Edge Compute Enabling Kit

UP Xtreme Edge Compute Enabling Kit, powered by the 8th generation ultra-low power Intel(R) Celeron 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.

Specifications

UP board version: UP Xtreme

SoC: Intel(R) Celeron-4305UE

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, 4 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 (ubinux, 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")

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



