

Item no.: RE-UPX-EDGEI7C1-A10-

## RE-UPX-EDGEI7C1-A10-1664-F01 - UP Xtreme Edge i7C1-8565U

from **1.157,77 EUR**

Item no.: RE-UPX-EDGEI7C1-A10-

shipping weight: 0.50 kg

Manufacturer: UP Bridge the Gap



### Product Description

RE-UPX-EDGEI7C1-A10-1664-F01 - UP Xtreme Edge i7C1-8565U

UP Xtreme Edge Compute Enabling Kit, powered by the 8th Generation Ultra-Low Power Intel(R) Core(TM) i3/i5/i7 & 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.

#### General

- SKU: RE-UPX-EDGEI7C1-A10-1664-F01

#### System Level Specs

- SoC: Intel(R) Core(TM) i7-8565U (up to 4.6 GHz)
- # of cores: 4
- Graphics: Intel(R) UHD Graphics 620
- VPU: Optional (via M.2 2280, mPCIe, 100-pin)
- FPGA: Intel(R) FPGA Altera Max V
- MCU: STM32 module STM32F103C8T6
- Memory: 16 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 (ubinux, Ubuntu, Yocto)
- Power requirement: 12 ~ 60 V DC-IN (lockable connector)
- Power supply type: AT (default)/ATX
- Power consumption (typical): 26 Watt
- Dimension: 190 x 129 x 78.6 mm
- MTBF (hours): T.B.A.

#### Display

- HDMI: 1x (HDMI 2.0)
- Display port: 1x (DP 1.2) 4K (at) 60 Hz

#### I/O

- Audio: Audio out/Mic in, I2S
- Serial port: 2x RS232/422/485
- HDD interface: 1x SATA 3.0
- Expansion slot: 1x M.2 2280 B+M key, 1x M.2 2230 E key, 1x mPCIe
- 40-pin GP bus: 1
- 100-pin GP bus: 1
- SIM slot: Yes
- Others: Phoenix 1: 3V3, 5V, GND, I2C, GPIO x8, PWM x2; Phoenix 2: 3V3, GND, I2C,GPIO, CAN RS & TX, ADC x7

#### Connectivity

- Ethernet: 2x GbLAN (RealTek RTL8111G-CG)
- Wi-Fi: Optional (via M.2 2230)
- Bluetooth: Optional (via M.2 2230)
- LTE/4G: Optional (via mPCIe)

#### Cooling

- Cooling: Passive cooling (fanless)

#### Environment

- Operation temperature: 32°F ~ 140°F (0°C ~ 60°C)
- Storage temperature: -4°F ~ 158°F (-20°C ~ 70°C)
- Operation humidity: 0% ~ 90% relative humidity, non-condensing
- Certification: CE/FCC Class A

## Specifications

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