

Item no.: UPX-WHLI7C-A10-0000

## UPX-WHLI7C-A10-0000 - UP Xtreme Lite i7

from **853,15 EUR**

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shipping weight: 0.60 kg

Manufacturer: UP Bridge the Gap



### Product Description

UPX-WHLI7C-A10-0000 - UP Xtreme Lite i7

UP Xtreme Lite brings the powerful 8th generation Intel(R) Core(TM) processors on a platform that's even easier to get access to. It is powered by the Intel Core i3/i5/i7 processors (formerly Whiskey Lake) providing expandability which includes M.2 2230 E key slot, M.2 2280 M key supporting 2x PCIe lanes and M.2 3042/3052 B key.

Note: The board comes without memory and storage.

High performing AI, edge computing along with value for performance - UP Xtreme Lite combines all to give users a unique user experience.

#### System Level

- SoC: Intel(R) Core(TM) i7-8565U
- # of cores: 4
- Graphics: Intel(R) UHD Graphics 620
- VPU: Optional (via M.2 2280)
- Memory: 1x DDR4 SO-DIMM, max. 16 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), Android
- Pre-installed OS: Optional Windows 10
- Power requirement: 12 ~ 24 V DC-in (lockable connector)
- Power supply type: AT (default)/ATX
- Power consumption (typical): 26 Watt
- Dimensions: 122 x 120 mm
- Operating temperature: 32°F ~ 140°F (0°C ~ 60°C)
- Storage temperature: -40°F ~ 176°F (-40°C ~ 80°C)
- Operating humidity: 0% ~ 90% relative humidity, non-condensing
- MTBF (hours): T.B.A.
- Certification: CE/FCC class A

#### Display

- HDMI: 1x (HDMI 1.4)
- Display port: 1x (DP 1.2) 4K (at) 60 Hz
- MIPI DSI/eDP: 1x eDP

#### I/O

- Audio: ALC887 for audio out/mic in, I2S
- USB 2.0 pin header: 2x
- USB 3.0 Type A: 4x
- UART: 1x HSUART (pin header)
- Serial port: 2x RS232/422/485
- HDD interface: 1x SATA 3.0
- Expansion slot: 1x M.2 2280 M key (support NVME SSD), 1x M.2 2230 E key, 1x M.2 3042/3052 B key colay
- AIO/DIO: Via GP-bus
- 40-pin GP bus: 1x (ISH pin definition)
- SIM slot: Yes

#### Connectivity

- Ethernet: 2x Intel(R) i211 GbE port
- WiFi: Optional (via M.2 2230)
- Bluetooth: Optional (via M.2 2230)
- LTE/4G: Optional (via M.2 3042/3052)

#### Cooling

- Cooling: Active cooling

#### Others

- Accessories: 1x RTC battery; 1x active heatsink

## Specifications

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