

Item no.: UPC-PLUSX7-A20-08128

## UPC-PLUSX7-A20-08128 - UP Core Plus E3950 8 GB/128 GB

from **442,43 EUR**

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shipping weight: 0.10 kg

Manufacturer: UP Bridge the Gap



### Product Description

AAEON UPC-PLUSX7-A20-08128 - UP Core Plus E3950 8 GB/128 GB

The UP Core Plus is a single board computer and computer on module. You can use it stand alone or expand it with carrier boards.

Powered by Intel Apollo Lake series SoC, the UP Core Plus is designed to empower artificial intelligence on the edge. You can use it stand alone to be a most powerful and compact edge device or add carrier boards to serve different purposes.

It is compatible with a wide range of carrier boards such as:

- Low-speed carrier board for serial I/O and more
- High-speed carrier board for mPCIe and more
- Vision Plus powered by 3x Movidius Myriad 2 and more
- AI Plus powered by Cyclone 10Gx and more
- Net Plus powered by 4x Intel i211 LAN ports and more

List of contents:

- 1x UP Core Plus board
- 1x passive heatsink
- 1x RTC battery
- UP board version: UP Core Plus
- SoC: Intel Atom(R) x7-E3950
- Graphics: Intel(R) HD Graphics 505/x7-E3900 series
- System memory: LPDDR4 8 GB
- Storage capacity: 128 GB eMMC
- USB 2.0 port (pin header): 2
- USB 3.0 port: 1x USB 3.0 host, 1x USB 3.0 OTG
- Connectivity: Wi-Fi 802.11 AC 2T2R + Bluetooth 4.2 (BLE)
- WOL: Yes
- Video output: 1x DP
- Display interface: 1x eDP
- Camera interface: 1x MIPI-CSI (2 lane) + 1x MIPI-CSI (4 lane)
- CEC: No
- Power input: 12 V (at) 5 A DC in 5.5/2.1 mm jack
- Operating temperature: 32°F - 140°F/0°C - 60°C
- RTC: Yes
- PXE: Yes
- Expansion: 2x 100-pin
- Compatible operating system: Microsoft Windows 10 full version, Windows IoT Core, Linux (ubinux, Ubuntu, Yocto), Android
- Operating humidity: 10% 80% RH non-condensing
- Certificate: CE/FCC Class A, RoHS compliant, Microsoft Azure certified
- Dimensions: 56.50 x 90 mm
- Net weight (without package): 50 gram
- Vertical market: AI

### Specifications

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

