

Item no.: UPS-EDAI-X70864-U01

## UPS-EDAI-X70864-U01 - UP Squared AI Edge X System with Intel ATOM x7-E3950

from **610,43 EUR**

Item no.: UPS-EDAI-X70864-U01

shipping weight: 0.50 kg

Manufacturer: UP Bridge the Gap



### Product Description

UPS-EDAI-X70864-U01 - UP Squared AI Edge X System with Intel ATOM x7-E3950

The UP Squared Edge System consists of the standard UP Squared board, the world's fastest maker board, based on the Intel(R) Apollo Lake SoC ATOM x7-E3950 with 8 GB LPDDR4 memory and 64 GB eMMC storage. Additionally, it comes with a pre-installed Ubuntu image, a power supply and a power cord with EU plug.

Basic info

- Part number: UPS-EDAI-X70864-U01
- Mainboard: UP Squared
- Availability: Active

System level specifications

- SoC: Intel(R) Atom(TM) x7-E3950 (up to 2.0 GHz)
- # of cores: 4
- Graphics: Intel(R) HD Graphics 505
- VPU: Built-in Intel(R) Movidius(TM) Myriad(TM) X
- FPGA: Intel(R) FPGA Altera MAX 10
- Memory: 8 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 (ublinux, Ubuntu, Yocto), Android
- Pre-installed OS: Ubuntu 16.04
- Power requirement: 5 V DC-in (at) 6 A 5.5/2.1 mm jack
- Power supply type: AT (default)/ATX
- Power consumption (typical): 18 Watt
- Dimensions: 4.13 x 3.9 x 2.7" (105 x 100 x 69.5 mm)
- MTBF (hours): 173,446

Display

- HDMI: 1 (HDMI 1.4b)
- Display port: 1 (DP 1.2) 4K (at) 60 Hz

I/O

- USB 2.0 type A: 2x
- USB 3.0 type A: 3x
- USB 3.0 OTG Micro B: 1x
- HDD interface: 1x SATA 3.0
- Expansion slot: 1x M.2 2230 E key
- 40-pin GP bus: 1
- SIM slot: No

#### Connectivity

- Ethernet: 2x GbLAN (RealTek RTL8111H-CG)
- WiFi: Optional (via. M.2 2230)
- Bluetooth: Optional (via. M.2 2230)
- LTE/4G: N/A

#### Cooling

- Cooling: Passive cooling (fanless)

#### Environment

- Operation temperature: 32°F ~ 122°F (0°C ~ 50°C)
- Storage temperature: -40°F ~ 176°F (-40°C ~ 80°C)
- Operation humidity: 0% ~ 90% relative humidity, non-condensing
- Certification: CE/FCC Class A

## Specifications

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