

Item no.: 347104

APU2E4 Embedded Box Starter Kit, Intel i211 NIC

from **236,09 EUR**

Item no.: 347104
shipping weight: 1.14 kg
Manufacturer: PC Engines



Product Description

PC Engines APU2E4 Embedded Box Starter Kit - 1 GHz, 4 GB RAM, 3x LAN, Intel i211 NIC

The successor to the successful ALIX board combines the previous functionality of ALIX.2D13 and ALIX.6F2 in a single board with more computing power, more processor performance and faster data memory and is suitable for many more tasks.

The PC Engines APU System Board is a low-cost single board computer (SBC) based on AMD Embedded G Series processors for a wide range of applications such as (wireless) LAN router, firewall, load balancer, VPN router, thin client, compact server, NAS, etc.

The system can be booted from SD card, USB media, mSATA SSD module, SATA port and via the network. The AMD Quad-Core processor with a clock speed of 1 GHz is provided with 4 GByte RAM as standard. The entire board stands out due to its low power consumption.

The Embedded Box Starter Kit includes:

- APU2E4 board
- 12 V, 2 A power supply unit
- Embedded Box

- CPU: AMD Embedded G Series GX-412TC, 1 GHz Quad Jaguar Core with 64 bit and AES-NI support, 32K data + 32K instruction cache per core, shared 2 MB L2 cache
- DRAM: 4 GB DDR3-1333 DRAM
- Storage: boot from mSATA-SSD, SD card (internal sdhci controller) or external via USB, 1x SATA + power connector
- 12 V DC, around 6 to 12 W depending on CPU load, built-in socket = 2.5 mm, positive inner conductor
- Connectivity: 3 Gigabit Ethernet channels (Intel i211 NIC)
- I/O: serial DB9 interface, 2x USB 3.0 external + 2x USB 2.0 internal, 3x LEDs on the front, push-buttons
- Extension: 2x miniPCI-express (1x with SIM connector), LPC bus, GPIO header, I2C bus, COM2 (3.3 V RXD/TXD)
- Board size: 6 x 6" (152.4 x 152.4 mm) - like apu1d, alix2d13 and wrap1e
- Firmware: Coreboot
- Cooling: Conductive cooling from CPU to case with 3 mm thick aluminium heatspreader (included)

Specifications

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

