

Item no.: 344652

APU4D4 Starter Kit - 1 GHz, 4 GB RAM, 4x LAN, Intel i211

from **204,65 EUR**

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shipping weight: 0.93 kg
Manufacturer: PC Engines



Product Description

PC Engines APU4D4 Starter Kit - 1 GHz, 4 GB RAM, 4x LAN This board version is targeted at applications that require 4 LAN ports.

APU4D updates:

- Minimize leakage from V3A to V3 rail (SD card compatibility)
- Fix USB header J12 pinout
- Change SIM switch to FXLA2203, FXLA2204 went EOL
- 10-pin LPC header to allow for future TPM option

The Starter Kit includes:

- APU4D4 system board
- 12 V, 2 A power supply
- 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 SD card (internal sdhci controller), external USB or mSATA SSD, 1 SATA + power connector, mSATA is shared with miniPCI express
- 12 V DC, about 6 to 12 W depending on CPU load, jack = 2.5 mm, center positive
- Connectivity: 4 Gigabit Ethernet channels (Intel i211 NIC)
- I/O: DB9 serial port, 2 USB 3.0 external + 2 USB 2.0 internal, three front panel LEDs, pushbutton
- Expansion: 3 miniPCI express (J13 USB or mSATA, with SIM; J14 USB only, with SIM; J15: full miniPCI express, but no SIM, intended for Wi-Fi). GPIO header, optional I2C bus, COM2 (3.3V RXD / TXD)
- Board size: 6 x 6" (152.4 x 152.4 mm) - same as apu1d, alix2d13 and wrap1e
- Firmware: coreboot
- Cooling: Conductive cooling from the CPU to the enclosure using a 3 mm alu heat spreader (included)

Specifications

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

