

Item no.: 349233

PC Engines APU2E4 Starter Kit, 1 GHz, 4 GB RAM, 3x LAN

from **239,35 EUR**

Item no.: 349233
shipping weight: 0.46 kg
Manufacturer: VARIA Group



Product Description

PC Engines APU2E4 Starter Kit - 1 GHz, 4 GB RAM, 3x LAN

PC Engines APU boards are small form factor system boards optimized for wireless routing and network security applications. APU2 is an evolution of the APU board with cooler running quad-core CPU, more robust Intel NICs and lower overall cost. It can be used for applications such as routers, firewalls, VOIP, dedicated servers, etc.

- Update APU2E: The size of the battery socket has been changed to avoid contact problems. Added signal integrity resistor for core voltage control signal

The Starter Kit includes:

- APU2E4 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 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 i210NIC)
- 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

