

Item no.: 345046

## APU3D4 Embedded Box Starter Kit - 1 GHz, 4 GB RAM, 3x LAN, Intel i211 NIC

from **233,54 EUR**

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shipping weight: 1.14 kg  
Manufacturer: PC Engines



### Product Description

PC Engines APU3D4 Embedded Box Starter Kit - 1 GHz, 4 GB RAM, 3x LAN

This board version is targeted at applications that require 2x 3G/LTE modems. SIM sockets can be swapped under GPIO control, enabling failover between two different networks even when only one modem is used. Another feature is the build option for a regular PCI express slot on the side. The Embedded Box Starter Kit includes:

- APU3D4 system board
- 12 V, 2 A power supply
- 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 SD card (internal sdhci controller), external USB or m-SATA SSD, 1x 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: 3x Gigabit Ethernet channels (Intel i211 NIC)
- I/O: DB9 serial port, 2x USB 3.0 external + 4x USB 2.0 internal, 3x front panel LEDs, pushbutton
- Expansion: 3x miniPCI express (J14 USB or mSATA, with SIM; J15 USB only, with SIM; J16: full miniPCI express, but no SIM, intended for Wi-Fi), GPIO header, optional I2C bus, COM2 (3.3 V RXD/TXD)
- Board size: 6 x 6 inch (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

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All details, up-to-date  
prices and availability

