

Item no.: 344639

## APU4D4 - system board, 4x LAN, 4 GB RAM, Intel i211 NIC

from **196,34 EUR**

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shipping weight: 0.70 kg  
Manufacturer: PC Engines



### Product Description

PC Engines APU4D4 - System Board, 4x LAN, 4 GB RAM

This board version is targeted at applications that require 4 LAN ports. APU4D updates:

- Changed battery holder footprint to avoid contact problems
- Added series resistor to W\_DIS# signal on miniPCI express to support Quectel EP06 modules
- 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

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All details, up-to-date  
prices and availability

