Item no.: 323726

OPNsense Ready System - APU4D4 Board, 4 GB RAM, 16 GB mSATA SSD Module, black

from **295,01 EUR**

Item no.: 323726
shipping weight: 1.10 kg
Manufacturer: VARIA Group

📄 Product Description

OPNsense Ready System - APU4D4 Board, 4 GB RAM, 16 GB mSATA SSD Module, black

The OPNsense software is based on FreeBSD(R), tailored for use as a firewall and router. It includes almost all the features of expensive commercial firewalls, and more in many cases. Here some supported features:

- Firewall
- State Table
- NAT
- Redundancy
- Outbound and Inbound Load Balancing
- VPN - IPsec, OpenVPN, PPTP
- PPPoE Server
- RRD Graphs Reporting
- Real Time Information - Using AJAX
- Dynamic DNS
- Captive portal
- DHCP Server and Relay
- Live CD Version available

The OPNsense software is running on an energy saving APU4D4 system so the power input averages 10 watt at maximum. The system is fanless, passively cooled and extremely small.Scope of Delivery:

- 1x server system
- 1x 16 GB mSATA SSD module with pre-installed OPNsense software
- 1x 12 V power supply
- 1x network cable (1 m)
- 1x enclosure

- 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, 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: 4x Gigabit Ethernet channels (Intel i211AT)
- I/O: DB9 serial port, 2x USB 3.0 external + 2x USB 2.0 internal, three front panel LEDs, pushbutton
- Expansion: 3x 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 (3.3 V 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