

Item no.: 349240

OPNsense ready system - APU4D4, 4 GB RAM, 16 GB mSATA SSD module, embedded box

from **322,79 EUR**

Item no.: 349240
 shipping weight: 2.20 kg
 Manufacturer: VARIA Group



Product Description

OPNsense Ready System - APU4D4, 4 GB RAM, 16 GB mSATA SSD Module, Embedded Box

The OPNsense software is based on FreeBSD(R) and is designed to be used as a firewall and router. It contains almost all features of expensive commercial firewalls and in some cases even more. For example, the following functions are provided (excerpt):

- 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 runs on a power-saving APU4D4 system and thus has a maximum power consumption of 10 watts and has only a minimal impact on the environment. 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 unit
- 1x network cable (1 m)
- 1x case
- 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 via USB or m-SATA SSD, 1x SATA + power connector, mSATA shared with miniPCI Express
- 12 V DC, approx. 6 to 12 W depending on CPU load, socket = 2.5 mm, centre positive
- Connectivity: 4x Gigabit Ethernet channels (Intel i211NIC)
- I/O: serial DB9 interface, 2x USB 3.0 external + 2x USB 2.0 internal, 3x LEDs on the front, push-buttons
- Expansion: 3x miniPCI express (J13 USB or mSATA, with SIM; J14 USB only, with SIM; J15: miniPCI express, but no SIM, intended for WLAN). GPIO header, optional 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 aluminium heat spreader (included)

Specifications

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

