Item no.: 349235

OPNsense Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD module, 19" rack case

from **390,54 EUR**

Item no.: 349235
shipping weight: 4.64 kg
Manufacturer: VARIA Group

📄 Product Description

OPNsense Complete System - APU2E4, 4 GB RAM, 16 GB mSATA SSD Module, 19" Rack Case

The OPNsense software is based on FreeBSD(R) and was designed for use as a firewall and router. It includes almost all the functions of expensive commercial firewalls, and in most cases even more. For example, the following functions are provided (excerpt):

- Firewall
- Status table
- NAT
- Redundancy
- Outgoing and incoming load balancing
- VPN - IPsec, OpenVPN, PPTP
- PPPoE server
- RRD Graphs Reporting
- Real-time information - with AJAX
- Dynamic DNS
- Captive portal
- DHCP Server and Relay
- Live CD version available

The OPNsense software runs on a power-saving APU2E4 system and has a maximum power consumption of 10 watts, which has a minimal impact on the environment. The system is fanless, passively cooled and extremely small (6 x 6").

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

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 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)

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