

Item no.: 328722

## OPNsense Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD Module, red

from **251,41 EUR**

Item no.: 328722  
 shipping weight: 0.76 kg  
 Manufacturer: VARIA Group



### Product Description

OPNsense Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD Module, red

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 APU2E4 system, so the power input averages 10 watt at maximum. The system is fanless, passively cooled and extremely small.

- Update APU2E: Changed battery socket footprint 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
- 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 mSATA SSD, SD card (internal sdhci controller) or external USB, 1 SATA + power connector
- 12 V DC, about 6 to 12 W depending on CPU load, jack = 2.5 mm, center positive
- Connectivity: 3 Gigabit Ethernet channels (Intel i210AT)
- I/O: DB9 serial port, 2x USB 3.0 external + 2x USB 2.0 internal, three front panel LEDs, pushbutton
- Expansion: 2 miniPCI express (one with SIM socket), LPC bus, GPIO header, 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

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

