

Item no.: 332802

## IPFire Ready System - APU4D4 Board, 4 GB RAM, 16 GB mSATA SSD, black

from **289,63 EUR**

Item no.: 332802  
shipping weight: 1.10 kg  
Manufacturer: VARIA Group



### Product Description

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

With IPFire you have an enterprise-grade security for every network, either home-network, networks of enterprises, school networks or those of administrations. The focus lies especially on security, stability and ease of use. You can subsequently install additional functions with just one click.

#### Security

The main focus of IPFire lies on security. Especially with such a large topic, there is not only one single way to achieve a maximum level of security. For a network administrator it is also important to understand its needs and to act according to them. For this purpose IPFire offers a base that separates single network segments according to their security levels and that allows to adjust them according to their own requirements.

Security of modular components is also a top priority. Updates are digitally signed and encrypted and can be automatically installed over Pakfire package management system. AS IPFire is typically directly connected to the internet, it is a target for hackers and other threats. The package management system helps the administrator to make sure that all gaps are filled and bugs are fixed in all used components.

#### Firewall

IPFire uses a stateful packet inspection firewall (SPI), which is on top of the Linux packet filtering framework netfilter. During the IPFire installation process, the network is configured into different, separate segments. This segmented security scheme means that there is a perfect place for each system in the network. Each segment can be activated as required, depending on the location and purpose and all systems in one segment are treated with the same security policy.

#### Scope of Delivery:

- 1x server system
- 1x 16 GB mSATA SSD with pre-installed IPFire 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

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



