Item no.: 328716

IPFire Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD, silver

from **246,85 EUR**

Item no.: 328716
shipping weight: 0.76 kg
Manufacturer: VARIA Group

Product Description

IPFire Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD, silver

IPFire is a hardened Linux Appliance Distribution with firewall as primary purpose.

With IPFire you have an enterprise-grade security for every network, either home networks, 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 in 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 to their security levels which 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 the 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 closed 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.PC Engines APU2E4 System Board, 1 GHz, 4 GB DDR3 RAM, 3x LAN

The successor to the successful ALIX board combines the previous functionality of ALIX.2D13 and ALIX.6F2 in a single board with more computing power, more processing power and faster data storage. The new board is suitable for a lot more tasks and applications.

The PC Engines APU System Board is based on the cost effective AMD Embedded G-Series Single Board Computer (SBC) for many applications like LAN Router, Firewall, Load Balancer, VPN-Router, Thin Client, compact Server, NAS...

The system can boot via SD card, USB device, mSATA SSD module, SATA connection or over the network. The AMD Quad-Core has a 1 GHz clock, 4 GB of RAM and a low power consumption.

- 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 with pre-installed IPFire software
- 1x 12 V power supply
- 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 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