

Item no.: 328711

## PC Engines APU2E4 DualRack Bundle - 2x Boards, 2x PSUs, 2x mSATA SSD, 19" DualRack Enclosure

from **608,03 EUR**

Item no.: 328711  
shipping weight: 5.45 kg  
Manufacturer: VARIA Group



### Product Description

PC Engines APU2E4 DualRack Bundle - 2x Boards, 2x PSUs, 2x mSATA SSD, 19" DualRack Enclosure

Cost-efficiency through a space-saving and power-saving network component. [The APU2E4 19" DualRack Bundle](#)

Thanks to its modular architecture this hardware enables you to use it for more than 50 different applications in the field of embedded devices, like broadband management, security applications (firewalls) and routing. The boards can also be deployed for multimedia applications as well as WLAN access points or VPN gateways.

APU2E4 is compatible with MikroTik OS, PC ENGINES, ZEROSHHELL, MONOWALL, OpenThinClient.

- Update APU2E: Changed battery socket footprint to avoid contact problems. Added signal integrity resistor for core voltage control signal.

#### The DualRack Case

As a high-quality and modular 19" rack system, the VARIA 19" DualRack case offers compatibility for PC Engines APU boards. Optionally hard disks, fans and an internal power supply can be mounted. The high-quality material (galvanized steel with black powder coated front panel) ensures the necessary stability and longevity. Scope of Delivery:

- 19" DualRack enclosure with suitable front panel
- 2x APU2E4, 3x LAN, 1 GHz, 4 GB DDR3 RAM, IDE, USB, RTC battery
- 1x fan
- 2x internal power supply (12 V, 3 A)
- 2x suitable connection cables for the connection of the APU boards with the internal power supply
- 2x 16 GB mSATA SSD module

The device comes preassembled.

- 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



