

Item no.: FREEPBX_APU2E4_RACK

FreePBX Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD, 19" Rack Enclosure

from **438,33 EUR**

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shipping weight: 4.64 kg

Manufacturer: VARIA Group



Product Description

FreePBX Ready System - APU2E4, 4 GB RAM, 16 GB mSATA SSD, 19" Rack Enclosure

FreePBX is a web-based open source GUI (graphical user interface) that controls and manages Asterisk (PBX), an open source communication server. FreePBX is licensed under the GNU General Public License (GPL), an open source license. FreePBX can be installed manually or as part of the pre-configured FreePBX Distro that includes the system OS, Asterisk, FreePBX GUI and assorted dependencies.

Some of the features that FreePBX supports out of the box are:

- Unlimited number of voicemail boxes
- Follow Me functionality
- Ring groups with calls confirmation
- Unlimited number of conferences (limited by available CPU power)
- Paging and Intercom functionality for SIP phones that support it
- Music on hold (via MP3s, or streamed off the internet)
- Call queues
- And many more

The FreePBX 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 19" DualRack enclosure with single slot front panel
- 1x APU2E4
- 1x 16 GB mSATA SSD with pre-installed FreePBX software
- 1x power supply (12 V, 3 A)
- 1x power cord set incl. power cord and suitable connection cables for connecting the board to the internal power supply
- 1x network cable (1 m)
- 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

