999.00 EUR
incl. 19% VAT, plus shipping

- Tiny size !!!

Measuring a mere 12cm x 12cm and debuting the highly efficient VIA Luke processor, which integrates the latest generation VIA Eden-N processor with the VIA CN400 North Bridge, the VIA EPIA N-Series Nano-ITX mainboard provides an unequalled visual experience for smart digital media and mobile entertainment devices. The Chromotion CE Video Display Engine in the VIA Luke processors's UniChrome Pro IGP graphics core, provides unmatched support for intelligent video rendering techniques and flawless MPEG-2/4 digital video playback on all display types from CRT and LCD screens to standard definition TVs and HDTVs. The VIA EPIA N features a robust shared memory architecture and support for up to 1GB of DDR400/333/266 memory with the acclaimed FastStream64™ memory controller, and a high speed Ultra V-Link interface for a 1GB/s connection to VIA's feature-leading South Bridge options.

Incorporating the VIA Luke processor's PadLock Security Suite, the VIA EPIA N-Series Nano-ITX mainboard provides high quality entropy from the VIA PadLock Random Number Generator (RNG) and market leading AES encryption rates through the VIA PadLock Advanced Cryptography Engine (ACE). Additionally, the VIA Luke processor employs PowerSaver 3.0 power management technology to help extend battery life for mobile devices based on the VIA EPIA N-Series Nano-ITX mainboard.

Through the onboard VIA VT8237R South Bridge, the VIA EPIA N offers a comprehensive range of integrated storage, multimedia and connectivity options, including Serial ATA, UltraDMA IDE, USB 2.0, onboard LAN and V-RAID, with support for multiple RAID configurations. The board also includes support for VIA Vinyl Six-TRAC 6-channel audio through 3 audio jacks in the I/O panel and offers support for a growing number of LVDS embedded LCD panels and has a Mini-PCI slot for extended expandability.

The EPIA N is also the first in the EPIA product line to be released with the VIA FliteDeck™ Suite, an advanced system management suite that enables to user to effortlessly track and monitors mission critical system data and enable seamless live Windows®-based BIOS updates as well as comprehensive BIOS status information

| VIA EPIA N Spezifikationen | |
|---|---|
| **Prozessor** | - VIA Eden-N Processor (nanoBGA package)<br>- PadLock Security Suite<br>- PowerSaver 3.0 power management technology |
| **Chipsatz** | - VIA CN400 North Bridge<br>- VIA VT8237 South Bridge |
| **Systemspeicher** | - 1 DDR266/333/400 SODIMM socket<br>- Up to 1GB memory size |
| **VGA** | - Integrated S3 Graphics UniChrome™ Pro IGP graphics with MPEG-2 decoder/MPEG-4 acceleration |

| | |
|---|---|
| **Back Panel I/O** | - 1 RJ-45 LAN port<br>- 2 USB 2.0 ports<br>- 1 VGA port<br>- 1 RCA port (SPDIF or TV out)<br>- 1 S-Video port<br>- 3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1 Support) |
| **Anschlüsse onboard** | - 1 USB connector for 4 additional USB 2.0 ports<br>- 1 LVDS/CAP connector<br>- 1 CD audio-in connector<br>- 1 FIR connector<br>- 1 CIR connector (Switchable for KB/MS)<br>- 1 Fan connector<br>- Nano-ATX power connector<br>- DOC reserved |
| **Erweiterungssteckplätze** | - 1 Mini PCI |
| **Onboard IDE** | - 2 X UltraDMA 133/100/66 Anschluss |
| **Onboard SATA** | - 1 x SATA Anschluss |
| **Onboard LAN** | - VIA VT6103 10/100 Base-T Ethernet PHY |
| **Onboard Audio** | - VIA VIA Vinyl Six-TRAC Audio AC' 97 Codec |
| **Onboard IEEE 1394** | - VIA VT6307S IEEE 1394(optional) |
| **Onboard TV-Out** | - VIA VT1623 TV Encoder |
| **BIOS** | - Award BIOS<br>- 2/4Mbit flash memory |
| **System-Management** | - CPU voltage management<br>- Wake-on-LAN<br>- Keyboard Power-on<br>- Timer Power-on<br>- System Power Management<br>- AC Power state restore |
| **Form Factor** | - Nano-ITX (6 layer)<br>- 12 cm x 12 cm |