335.00 EUR
incl. 19% VAT, plus shipping

- Tiny size !!!
- No Backpanel !

The VIA EPIA NL-Series Nano-ITX mainboard is a fully integrated, high efficient mainboard with low profile design and even greater digital media performance for the rapidly emerging new generation of smart digital entertainment devices such as PVRs, set top boxes, media centers and Car PCs, LCD PCs, and thin devices.

Continuing on the success of the highly acclaimed VIA EPIA N-series Nano-ITX mainboard, the new EPIA NL measures a mere 12cm x 12cm and features the new VIA Luke CoreFusion processor, integrating the latest generation VIA Eden-N processor with the VIA CN400 North Bridge. In addition to the integrated S3 Graphics UniChrome™ Pro IGP, highlighting a 2D/3D AGP8X graphics core with integrated MPEG-2 decoding and MPEG-4 acceleration for smooth digital video playback, the VIA Luke processor also features support for high bandwidth DDR 333/400 memory, motion compensation and DuoView for the latest multiple format flat panel display devices.

Incorporating the VIA PadLock Security Suite within the VIA Luke processor, the VIA EPIA NL provides high quality entropy from the PadLock Random Number Generator (RNG) for security applications, such as key generation or hard disk scrubbing, without relying on precious CPU cycles to generate random numbers through software, as well as market-leading AES encryption rates through the PadLock Advanced Cryptography Engine (ACE) for high-speed encryption and decryption. 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 NL Nano-ITX mainboard.

Through the onboard VIA VT8237R South Bridge, the VIA EPIA NL 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 as well as support for a growing number of LVDS embedded LCD panels, and has a Mini-PCI slot for expandability.

The VIA EPIA NL, along with the VIA EPIA N, include the VIA FliteDeck™ Suite, an advanced system management suite that enables users to effortlessly track and monitor mission critical system data and enable seamless live Windows®-based BIOS updates as well as comprehensive BIOS status information.

VIA EPIA NL Spezifikationen	
Prozessor	- VIA Eden-N Processor (nanoBGA package) - PadLock Security Suite - PowerSaver 3.0 power management technology
Chipsatz	- VIA CN400 North Bridge - VIA VT8237R South Bridge
Systemspeicher	- 1 DDR266/333/400 SODIMM socket - Up to 1GB memory size
VGA	- Integrated S3 Graphics UniChrome™ Pro IGP graphics with MPEG-2 decoder/MPEG-4 acceleration
Back Panel I/O	No Back Panel !

Anschlüsse onboard	- 1 USB pin header for 8 additional USB 2.0 ports - 1 pin header for COM Port, SIR and LPC - 1 CIR pin header (Switchable for PS/2 KB/MS) - 2 Fan connectors: CPU/Sys FAN - 1 LVDS or DVI connector (an add-on card is required) - 1 Nano-ITX power connector - 1 Audio pin header for Line-out, Line-in, Mic-in, CD-in and S/PDIF out - 1 TV Out pin header for S-Video, Composite, and Component (YPbPr/Scart/D-Terminal) - 1 pin header for 10/100 Ethernet LAN support - 1 pin header for CRT, VGA output, SMBUS, and CAP0
Erweiterungssteckplätze	- 1 Mini PCI
Onboard IDE	- 2 X UltraDMA 133/100/66 Anschluss (Secondary 2.0mm 44-pin header)
Onboard SATA	- 1 x SATA Anschluss
Onboard LAN	- VIA VT6103L 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 VT1625 HDTV Encoder r
BIOS	- Award BIOS - 2/4Mbit flash memory
System-Management	- CPU voltage management - Wake-on-LAN - Keyboard Power-on - Timer Power-on - System Power Management - AC Power state restore
Form Factor	- Nano-ITX (6 layer) - 12 cm x 12 cm