209.00 EUR
incl. 19% VAT, plus shipping

- Fanless !

- CPU: VIA Eden V4 1200MHz CN700 FSB400
- CPU passively cooled
- 1x DDR II 533MHz max 1GB / 1x PCI
- 1x 10/100/1000 LAN
- 2x ATA 133/100/66
- 6x USB 2.0 / 1xFireWire
- Sound & Graphics (UniChrome) on Board
- TV-Out
- incl. LVDS-Connector

The VIA EPIA EN Mini-ITX mainboard is the first to feature the VIA C7 and VIA Eden processor with the new VIA V4 bus. Combining extra performance with the signature quiet, cool operation and comprehensive feature set integrated into a small form factor, the VIA EPIA EN Mini-ITX mainboard the solution of choice for next generation digital home, business and embedded devices.

Based on the proven CoolStream™ architecture and the advanced 90nm SOI process, the VIA C7 processor delivers leading performance per watt, and utilizes the new 400MHz V4 bus. Fully compatible with Microsoft® Windows® and Linux operating systems, the VIA EPIA EN Mini-ITX mainboard also offers advanced hardware security features through the VIA PadLock Security Engine integrated into the VIA C7 processor, boasting a comprehensive set of military-grade cryptography tools.

The new VIA CN700 digital media IGP chipset features unprecedented CPU bandwidth, full DDR2 memory support, and integrated VIA UniChrome™ Pro 2D/3D graphics with MPEG-2 decoding for smooth digital video playback, while the HDTV encoder provides display flexibility. Also supported is a series of advanced storage and connectivity options, including full LVDS support for seamless integration into LCD panels, S-Video and RCA output, IEEE 1394, USB 2.0 connections and a Gigabit LAN connection for high-speed transmission of data. 24/7 operation is guaranteed with the VIA FliteDeck suite of features that includes an integrated watchdog timer, remote LAN management and a host of monitoring tools.

The VIA EPIA EN Mini-ITX mainboard is fully compatible with all Mini-ITX, FlexATX and MicroATX chassis and associated accessories.

VIA EPIA EN Mainboard Specification		
Model Name	• VIA EPIA EN15000	• VIA EPIA EN12000E
Processor	• 1.5GHz VIA C7 Processor	• 1.2GHz VIA Eden Processor
Chipset	• VIA CN700 North Bridge • VIA VT8237R-series South Bridge	
System Memory	• 1 DDRII 400/533 DIMM socket • Up to 1GB memory size	
VGA	• Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 accelerator	
Expansion Slots	• 1 PCI	
Onboard IDE	• 2 UltraDMA 133/100/66 Connectors	
Onboard LAN	• VIA VT6122 GLAN Controller	
Onboard Audio	• VIA VT1618 6 channel AC'97 Codec	

Onboard TV Out	• VIA VT1625 HDTV Encoder
Onboard 1394	• VIA VT6307S IEEE 1394 Firewire
Back Panel I/O	• 1 PS2 mouse port • 1 PS2 keyboard port • 1 RJ-45 LAN port • 1 Serial port • 4 USB 2.0 ports • 1 VGA port • 1 RCA port (S/PDIF or TV out) • 1 S-Video port • 3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1 Support)
Onboard I/O Connectors	• 1 USB connector for 2 additional USB 2.0 ports • 1 1394 connector for 1 1394 port • 2 SATA Connector • 1 LPC connector • Front-panel audio connector (Mic and Line Out) • 1 Serial port connector for a second com port • 1 CIR connector (Switchable for KB/MS) • 2 Fan connectors: CPU/Sys FAN • 1 SMBUS connector • 1 S/PDIF in/out connector • 1 LVDS/TTL/DVI module connector (an add-on card is required) • ATX Power Connector • 1 Component (YPbPr) video pin header
BIOS	• Award BIOS, LPC 4/8Mbit flash memory
Operating System	• Windows 2000/XP, Linux, Win CE, XPe
Software Application	• VIA FliteDeck™ Utility • MissionControl-H/W Monitoring, Remote SNMP Management • FlashPort-Live BIOS Flash • SysProbe-Live DMI Browser
System Monitoring & Management	• CPU temperature reading, CPU voltage monitoring • Wake-on-LAN, Keyboard-Power-on, Timer-Power-on, Watch Dog Timer, FAN control • System power management,AC power failure recovery
Operating Temperature	• 0~50°C
Operating Humidity	• 0% ~ 95% (relative humidity; non-condensing)
Form Factor	• Mini-ITX (6 layer) • 17 cm x 17 cm