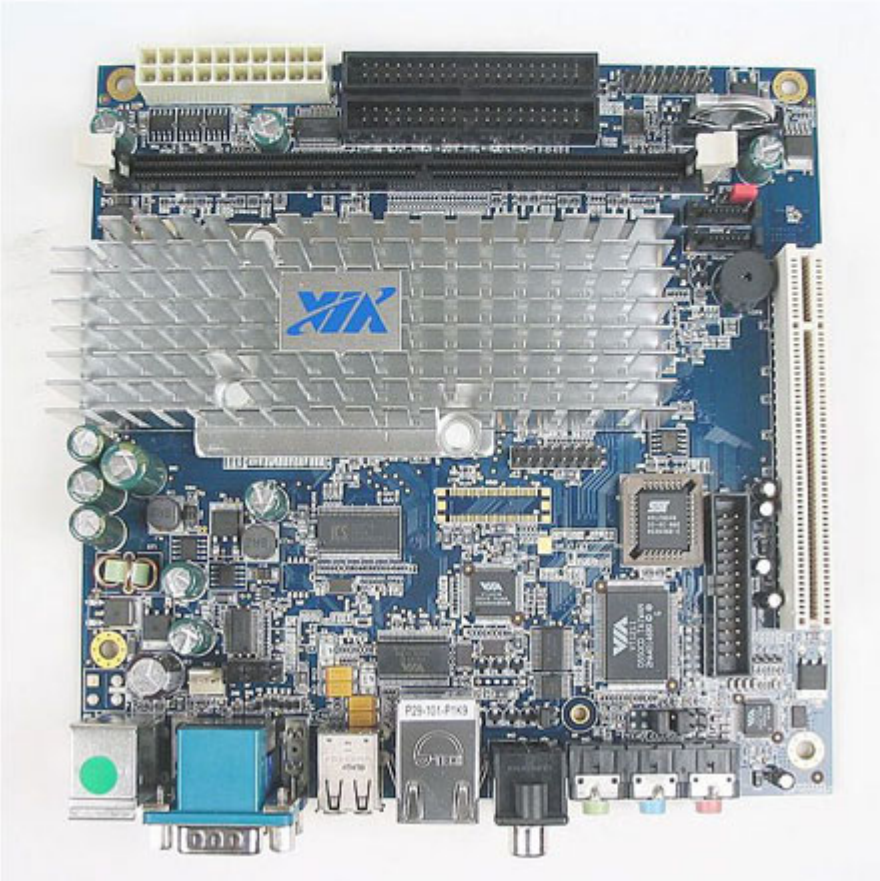

119.00 EUR
incl. 19% VAT, plus shipping

The VIA EPIA CN Mini-ITX mainboard is available with either the 1.3GHz or 1.0GHz VIA C7® processor and boasts the ultra efficient VIA V4 bus interface and VIA CN700 digital media chipset to inspire a new generation of powerful and flexible digital media appliances.

Offering a rich digital media platform, the VIA EPIA CN Mini-ITX mainboard integrates the VIA Chrome™ Pro IGP graphics processor with MPEG-2 hardware acceleration and the Chromotion™ CE engine to ensure smooth, crystal clear digital media streaming and playback. The platform also supports DuoView+ and has S-Video and RCA outputs to facilitate the design of dual display devices, as well as rich multi-channel audio for surround sound.

Setting new standards for flexibility and feature completeness, the VIA EPIA CN Mini-ITX mainboard supports up to 1GB of 400/533MHz DDR2 memory, native SATA II 0 and 1, and 10/100 Mbps broadband Ethernet. The platform also includes a PCI port, serial, parallel and USB ports for unparalleled connectivity options.

Leveraging the power efficient VIA C7® processor – based on the proven VIA Coolstream™ architecture and advanced 90nm process – with the energy efficient VIA CN700 digital media chipset supporting DDR2 memory, the VIA EPIA CN Mini-ITX mainboard boasts an average power consumption of just 16 watts to enable a new generation of low power consuming intelligent digital devices. The VIA C7® processor also integrates advanced hardware security with the VIA PadLock Security Engine. Offering a comprehensive sets of

security tools that includes the world's fastest AES x86 encryption engine, the VIA PadLock Security Engine enables military-grade protection of data stored and exchanged without a hit to system performance.

The VIA EPIA CN Mini-ITX mainboard is compatible with Microsoft® Windows® 2000/XP, XPe and CE, as well as Linux, and offers developers a rich suite of security and media applications to accelerate time to market. Fully compatible with all Mini-ITX, FlexATX and MicroATX chassis and associated accessories including the new 120W DC-DC converter for VIA EPIA Mini-ITX mainboards, the VIA EPIA CN Mini-ITX gives developers and system integrators the essential tools to create innovative and flexible digital media appliances.

Key Features:
Integrated VIA Chrome™ Pro AGP graphics with MPEG-2 decoding acceleration
Supports DDR2 400/533 SDRAM
Supports TV-out
Supports two SATA
Supports eight USB 2.0 (four as pin headers)

CN13000EG Specifications

Processor	1,3 GHz VIA C7 fanless
Chipset	VIA CN700 northbridge VIA VT8237R southbridge
System Memory	1 DDR2 400/533 DIMM (DDR2 667/800 is backward compatible) Up to 1 GB memory size
Supported Resolution	1920 x 1440 maximum (CRT) 1024 x 768 maximum (LVDS/TTL)
VGA	VIA UniChrome Pro IntegratedGgraphics with MPEG-2 Accelerator
Expansion Slots	1 PCI
Onboard IDE	2 ATA 133 (40-pin)
Onboard Serial ATA	2 SATA connectors
Onboard USB	6 USB 2.0
Onboard LAN	VIA VT6103 10/100
Onboard Audio	VIA VT1618 8 channel AC'97 codec
Onboard TV Out	VIA 1625M HDTV encoder
Back Panel I/O	1 PS2 mouse port 1 PS2 keyboard port 1 LAN port 1 RS-232 COM port 4 USB 2.0 ports 1 VGA port 1 TV-out port 1 S-Video port 3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1 support)
Onboard I/O Connectors	2 IDE slots 1 USB 2.0 pin header for 2 USB ports 2 SATA connectors 1 LPT pin header 1 CD-in pin header 1 Front panel audio pin header 1 Front panel pin header 1 PS2 pin header (keyboard/mouse) 2 Fan pin headers ATX power connector
BIOS	Award BIOS 4/8 Mb flash memory

System Monitoring & Management	CPU voltage monitoring, Wake on LAN, Keyboard power on, Timer power on, Fan control, System power management, AC power failure recovery
Operating Temperature	0°C ~ 50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Mini-ITX (17 x 17 cm)
Includes	Flat IDE cable (40 wire, 80 conductor, 3 connectors) Backplate Installation CD Quick installation guide