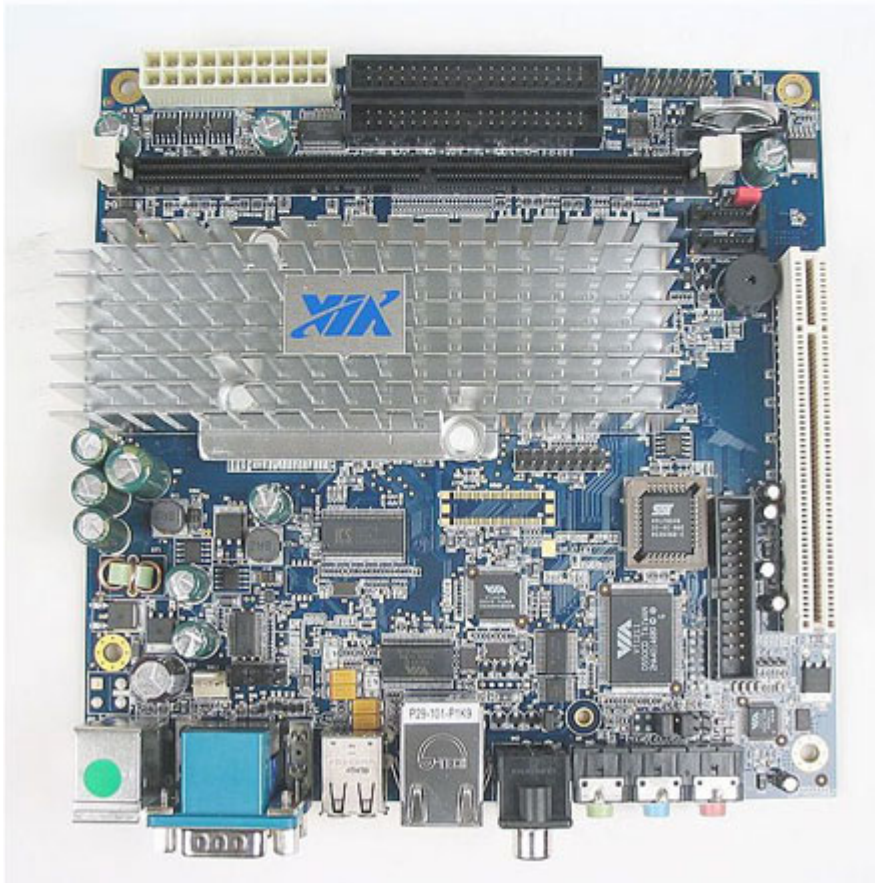




999.00 EUR  
incl. 19% VAT, plus [shipping](#)



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)

**CN10000EG Specifications**

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| Processor              | 1 GHz VIA C7 fanless                                                                |
| Chipset                | VIA CN700 northbridge<br>VIA VT8237R southbridge                                    |
| System Memory          | 1 DDR2 400/533 DIMM (DDR2 667/800 is backward compatible)<br>Up to 1 GB memory size |
| Supported Resolution   | 1920 x 1440 maximum (CRT)<br>1024 x 768 maximum (LVDS/TTL)                          |
| VGA                    | VIA UniChrome Pro Integrated Graphics 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)         |
|                        | 2 IDE slots                                                                         |
| Onboard I/O Connectors | 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                                                                   |
| BIOS                   | ATX power connector                                                                 |
|                        | 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)

Flat IDE cable (40 wire, 80 conductor, 3 connectors)

Includes

Backplate

Installation CD

Quick installation guide