



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

Supported Resolution

Expansion Slots

Onboard Serial ATA

Onboard IDE

Onboard USB

Onboard LAN

Onboard TV Out

Processor 1 GHz VIA C7 fanless VIA CN700 northbridge

Chipset VIA VT8237R southbridge

1 DDR2 400/533 DIMM (DDR2 667/800 is backward compatible) System Memory

Up to 1 GB memory size 1920 x 1440 maximum (CRT)

1024 x 768 maximum (LVDS/TTL)

VIA UniChrome Pro IntegratedGgraphics with MPEG-2 Accelerator

1 PCI

2 ATA 133 (40-pin) 2 SATA connectors

6 USB 2.0

VIA VT6103 10/100

VIA VT1618 8 channel AC'97 codec

VIA 1625M HDTV encoder

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

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

Onboard Audio

VGA

Back Panel I/O

Onboard I/O Connectors

VIA EPIA CN10000





System Monitoring & Management

Operating Temperature Operating Humidity Form Factor

Includes

CPU voltage monitoring, Wake on LAN, Keyboard power on, Timer power on, Fan control, System power management, AC power

failure recovery

0°C ~ 50°C

0% ~ 95% (relative humidity; non-condensing)

Mini-ITX (17 x 17 cm)

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

Backplate

Installation CD

Quick installation guide