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Product Name: LN10000EG

Manufacturer: VIA

Model Number: CMVILN10000EG

The VIA EPIA LN-Series Mini-ITX Mainboard boasts the latest generation 1.0GHz VIA C7 processor for fanless configurations with ultra low power requirements, optimized for a whole range of small form factor, low power and affordable embedded devices, and features TV-out for a rich multimedia experience.

The VIA CN700 digital media IGP chipset supports up to 1GB of high bandwidth DDR2 533 memory, and has integrated VIA UniChrome™ Pro 2D/3D graphics with MPEG-2 decoding for smooth digital video playback. Its companion South Bridge, the VIA VT8237R Plus supports a broad array of advanced connectivity and multimedia features, and brings the latest serial and storage technologies to a wide audience.

Offering a cost effective upgrade path from previous generations of VIA EPIA Mini-ITX mainboards, the VIA EPIA LN is fully compatible with all Mini-ITX, FlexATX and MicroATX chassis and associated accessories such as the new VIA 120W DC-DC converter and external PCI riser card, and supports Microsoft® Windows® XP/2000, XPe and CE, as well as Linux, making it the ideal platform for developers to create a wide spectrum of applications.

Spécifications

Model Name

• VIA EPIA LN10000EG

Processor

• VIA C7 1.0GHz NanoBGA2

Chipset

• VIA CN700 North Bridge

• VIA VT8237R Plus South Bridge

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System Memory

- 1 DDR2 400/533 DIMM socket

VGA

- Up to 1GB memory size
- Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration

Expansion Slots

- 1 PCI slot

Onboard IDE

- 2 UltraDMA 133/100/66 connectors

Onboard Serial ATA

- 2 SATA connectors

Onboard LAN

- VIA VT6103L 10/100Mbps Ethernet PHY

Onboard Audio

- VIA VT1618 8 channel AC'97 Codec

Onboard TV Out

- VIA VT1622AM SDTV Encoder

Onboard I/O Connectors

- 3 USB connectors for 6 additional USB 2.0 ports
- 1 FIR connector
- 1 LPC connector
- 1 LPT connector
- 1 SMBus connector
- 1 Buzzer
- 1 S/PDIF-out connector (optical)
- 1 CIR connector (Switchable for KB/MS)
- 1 Front-panel audio connector for line-out and mic-in
- 2 Fan connectors for CPU and System fans
- 1 ATX power connector
- 1 PS2 mouse port
- 1 PS2 keyboard port
- 1 S-Video port
- 1 RCA port for composite TV out or S/PDIF(coaxial)

Back Panel I/O

- 1 Serial port
- 1 VGA port
- 1 RJ-45 LAN port
- 2 USB 2.0 ports
- 3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1 Support)

BIOS

- Award BIOS
- LPC 2/4/8Mbit flash memory
- System voltage monitoring

System Monitoring & Management

- CPU voltage monitoring
- Timer-power-on, Wake-on-LAN/KB/MS,
- AC power failure recovery

Operating Temperature

- 0 ~ 50

Operating Humidity

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

Form Factor

- Mini-ITX (4 layers)
- 17 cm x 17 cm

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Ce produit a ete rajouté a notre catalogue le jeudi 30 août 2007