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## Mini - ITX VIA EPIA – M10000



**Socket 370 Mainboard with onBoard mounted  
VIA C3 CPU/ 1000 MHz**

### General

The VIA EPIA M10000 Mini-ITX Mainboard is the second-generation 17cm x 17cm platform optimized for today's killer digital video and audio applications. In addition to its integrated 1GHz VIA C3 processor featuring the Ezra T core, the board features the VIA Apollo CLE266 chipset with embedded MPEG-2 decoder and a new integrated 2D/3D graphics core to ensure smooth DVD playback and a rich overall entertainment experience. With the sizable memory bandwidth of DDR266 SDRAM and the high data transfer speeds of ATA/133, the VIA EPIA M10000 ensures the high performance levels required of today's most popular digital media and productivity applications. The user's digital media experience is further enhanced by support for 5.1 surround sound, courtesy of the onboard VIA VT1616 6 Channel AC'97 codec.

The latest in high-bandwidth connectivity is supported with IEEE 1394 and USB 2.0 connections provided, as well as S-Video and RCA TV-Out (NTSC & PAL) and 10/100 Ethernet for seamless broadband connectivity. The VIA EPIA M-Series also offers support for a growing number of LVDS embedded LCD panels, has a PCI slot for expandability options, and is compatible with a full range of Mini-ITX chassis as well as FlexATX and MicroATX enclosures. It is also fully compatible with Microsoft® and Linux-based operating systems.

The Mini-ITX is the world's smallest native x86 mainboard platform is available with an embedded VIA Eden?™ ESP processor core for fanless systems with ultra low-power requirements, or an embedded VIA C3™ E-Series processor for more demanding digital multimedia applications, the EPIA M-Series is the perfect platform for a whole range of small form factor, low-power digital media devices and home entertainment centers.

## Specification

<b>VIA EPIA-M Mainboard Specification</b>	
The ultimate platform for the next generation of innovative digital media devices and home entertainment centers.	
<b>Processor</b>	- VIA C3/EDEN EPGA Processor
<b>Chipset</b>	- VIA CLE266 North Bridge - VT8235 South Bridge
<b>System Memory</b>	- 1 DDR266 DIMM socket - Up to 1GB memory size
<b>VGA</b>	- Integrated VIA CastleRock AGP graphics with MPEG-2 decoder
<b>Expansion Slots</b>	- 1 PCI
<b>Onboard IDE</b>	- 2 X UltraDMA 133/100/66 Connector
<b>Onboard Floppy</b>	- 1 x FDD Connector
<b>Onboard LAN</b>	- VIA VT6103 10/100 Base-T Ethernet PHY
<b>Onboard Audio</b>	- VIA VT1616 6 channel AC'97 Codec
<b>Onboard TV Out</b>	- VIA VT1622 TV out
<b>Onboard 1394</b>	- VIA VT6307S IEEE 1394 Firewire
<b>Onboard I/O Connectors</b>	- 1 USB connectors for 2 additional USB 2.0 ports - 2 1394 connectors for 2 1394 ports - Front-panel audio connectors (Mic and Line Out) - CD Audio-in connector - SIR connector - CIR connector - Wake-on-LAN, Wake-on-Ring - CPU/Sys FAN/Fan 3 - System intrusion connector - 1 I2C connector - 1 LVDS connector (Optional) - Serial port connector for second com port
<b>Back Panel I/O</b>	- 1 PS2 mouse port - 1 PS2 keyboard port - 1 Parallel - 1 RJ-45 LAN port - 1 Serial port - 2 USB 2.0 ports - 1 VGA port - 1 RCA port (SPDIF or TV out) - 1 S-Video port - 3 Audio jacks: line-out, line-in and mic-in; can be switched to 6 channel output
<b>Application</b>	- VIA FliteDeck™ Luxurious Utility - MissionControl-H/W Monitoring, Remote SNMP management - FlashPort-Live BIOS Flash - SysProbe-Live DMI Browser
<b>BIOS</b>	- Award BIOS

	- 2/4Mbit flash memory
<b>System Monitoring &amp; Management</b>	- CPU temperature monitoring - CPU voltage monitoring - Wake-on-LAN, Keyboard-Power-on, Timer-Power-on- System power management - AC power failure recovery
<b>Form Factor</b>	- Mini-ITX (4 layer) - 17 cm x 17 cm