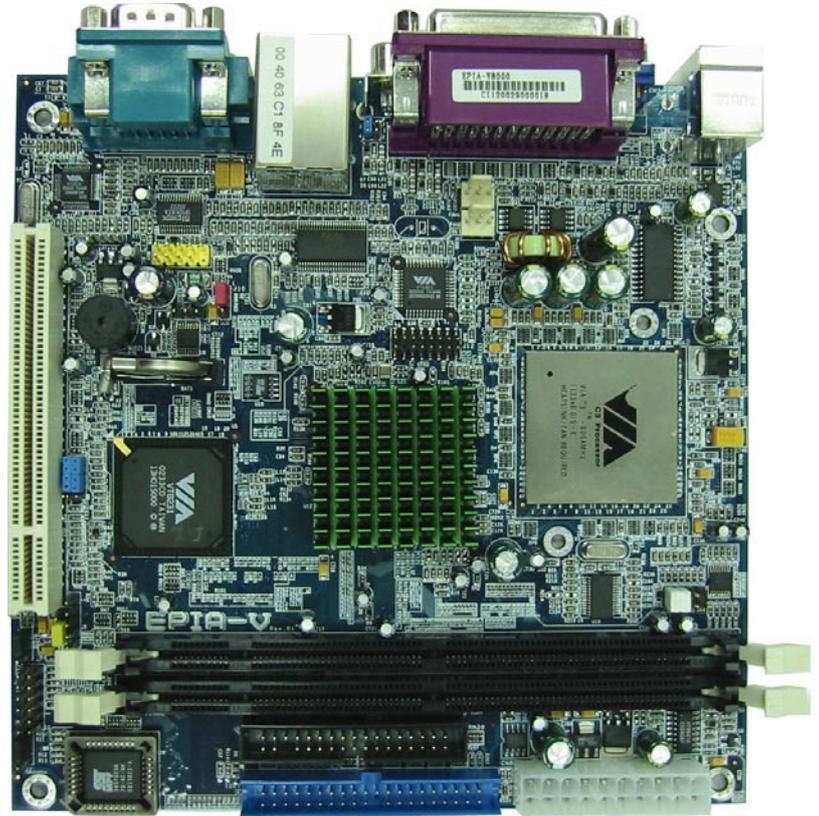




## Mainboard

# VIA EPIA V Mainboard



The VIA EPIA-V Series Mini-ITX Mainboard is the newest member of the Mini-ITX family. The VIA-V Series continues to deliver the industries smallest, most highly integrated, and most flexible x86 platform to OEMs and System Integrators looking for cost effective solutions that offer the maximum set of features without sacrificing design flexibility. Offering the choice of a VIA Eden™ ESP processor core for fanless systems with power sensitive requirements, or a VIA C3™ E-Series processor for more multimedia rich applications, the EPIA-V Mini-ITX mainboard also features embedded onboard graphics, audio and optional TV-Out support. The VIA EPIA V Series Mini-ITX mainboard is the ideal platform for an almost unlimited variety of Extreme Value PC, Information Appliance, Set Top Box, Personal Video Recorder, and Industrial PC designs.

Measuring just 170mm x 170mm, the VIA EPIA V Series Mini-ITX mainboard is 30% smaller than the smallest Flex-ATX platforms, while maintaining Micro ATX chassis compliancy. It also provides the smallest and coolest processing environment available, including an optional fanless configuration. The VIA Apollo PLE133 North Bridge features integrated graphics with 2D/3D acceleration and DVD Motion Compensation, accompanied by onboard SoundBlaster® and SoundBlaster® Pro compatible audio, delivering key multimedia capabilities. Onboard 10/100 LAN, floppy disk drive connector, optional TV-Out, an additional PCI slot, 2 USB ports, and a full set of I/O features provide ample connectivity and expansion options.



## VIA EPIA-V Mainboard Specification

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 PLE133 North Bridge
	- VT8231 South Bridge
<b>System Memory</b>	- 2 PC 133 DIMM socket
	- Up to 1GB memory size
<b>VGA</b>	- Integrated Trident graphics
<b>Expansion Slots</b>	- 1 PCI
<b>Onboard IDE</b>	- 2 X UltraDMA 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 VT1612A 2 channel AC'97 Codec
<b>Onboard TV Out</b>	- VIA VT1621 TV out (optional)
<b>Onboard I/O Connectors</b>	- 1 USB connectors for 2 USB 1.1 ports
	- CD Audio-in connector
	- SIR connector
	- CIR connector
	- Wake-on-LAN, Wake-on-Ring
	- CPU/Sys FAN
	- System intrusion connectors
<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 1.1 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
<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

