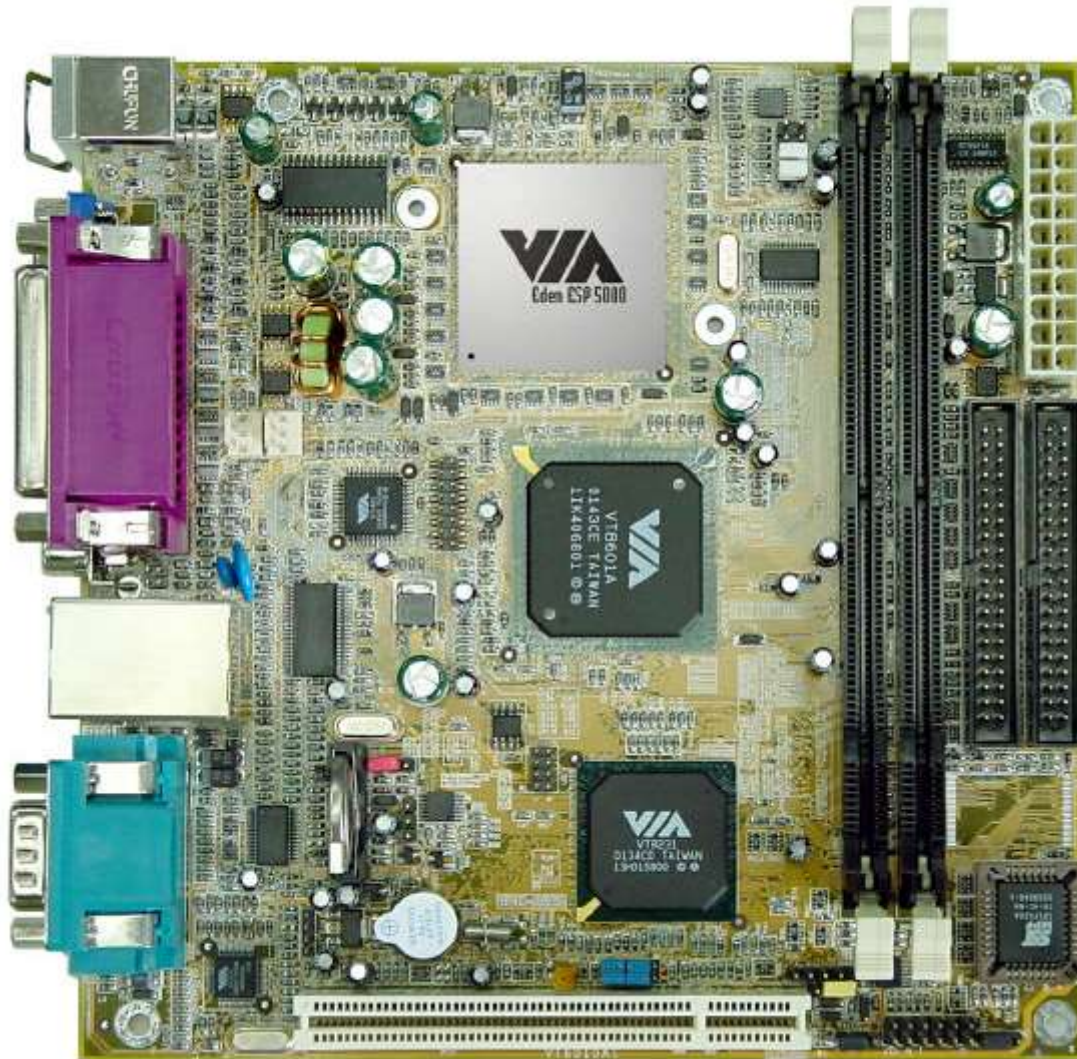


Figure 7 VIA VT6010 Mini-ITX Reference Board



## 4.2 VIA VT6010 Mini-ITX Mainboard Specification Overview

Table 5 summarizes the main features implemented on the VIA VT6010 Mini-ITX mainboard.

**Table 10** VT6010 Mini-ITX Mainboard Specifications

<b>Item</b>	<b>Description</b>
Processor	VIA ESP processor Latest 0.15 and 0.13 Micron technology 128K L1 and 64K L2 cache
Core Logic	VIA Apollo PLE133: North Bridge (VT8601A/8606) South Bridge (VT8231)
Main Memory	Two 168-pin DIMM memory sockets PC100/133 SDRAM support
Graphics	Integrated AGP2X with 2D/3D Graphics Acceleration Motion Compensation for DVD playback VIP port for video overlay function
Storage (ATA)	Two ATA 33/66/100 IDE connectors 8/16/32MB DOM or standard 2.5"/3.5" HDD CD-ROM or DVD drive
Storage (Flash)	DOC Flash memory (8MB ~ 32MB) on board
Audio System	VIA VT1612A 3 Audio Jacks - Line-Out, Line-In and Microphone-In Sound Blaster, Sound Blaster Pro Compatible Digital I/O compatible with consumer mode S/PDIF
Ethernet (LAN)	VIA VT6103 10/100Mbps Ethernet MAC integrated 10/100Mbps Ethernet PHY VT6103 on board
TV Out	VIA VT1621 Integrated Macro Vision 7.01 High quality scaling and filtering S-Video or Composite video output Support NTSC/PAL TV
I/O Ports	3 Audio Jacks - Line-out, Mic-in and Line-in Four USB ports (two USB ports located at rear side) One EPP/ECP parallel port One 16C550 compatible serial port Two External PS/2 Compatible Keyboard /Mouse ports Two TV output ports (S-Video or optional RCA TV out) One S/PDIF out (optional and multiplex with RCA TV out) One RJ45 port One PCI slot (Note: support for two PCI devices)
Other Optional Modules	SIR/FIR sensor CIR sensor and controller Cable for 2 <sup>nd</sup> PCI device

### 4.3 VT6010 Mini-ITX Mainboard Layout

Figure 5 outlines the basic placement of components on the VT6010 Mini-ITX mainboard layout.

Figure 8 VT6010 Mini-ITX Mainboard PCB Layout

