

## Mini-ITX Series

# VIA EPIA ML

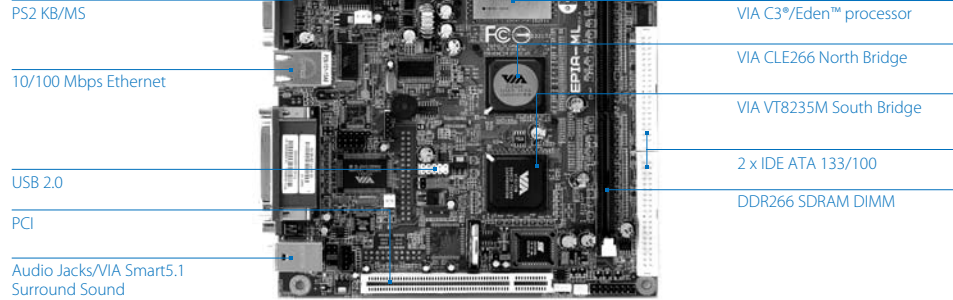
Mini-ITX EBGA C3®/Eden™  
Board with MPEG-2 for  
Entry-level Design

## Features

- Integrated VIA UniChrome™ AGP graphics with MPEG-2 decoding acceleration
- Supports DDR266 SDRAM
- Supports TV Out (optional)
- Supports four USB 2.0 ports (two as pin headers)
- Supports 6 channel audio



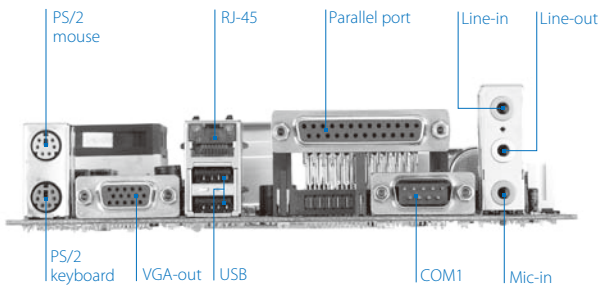
## Board Placement



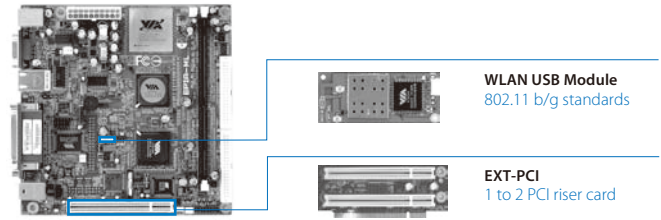
## Specifications

Model Name	EPIA ML8000G	EPIA ML8000AG	EPIA ML6000EAG
<b>Processor</b>	VIA C3® 800MHz EBGA	VIA C3® 800MHz EBGA	VIA Fanless Eden™ 600MHz EBGA
<b>Chipset</b>	VIA CLE266 North Bridge VIA VT8235M South Bridge		
<b>System Memory</b>	1 x DDR266 DIMM socket Up to 1GB memory size		
<b>VGA</b>	Integrated VIA UniChrome™ AGP graphics with MPEG-2 decoding acceleration		
<b>Expansion Slot</b>	1 x PCI slot		
<b>Onboard IDE</b>	2 x UltraDMA 133/100/66 connectors		
<b>Onboard LAN</b>	1 x VIA VT6103 10/100 Mbps Ethernet PHY		
<b>Onboard Audio</b>	VIA VT1616 6-channel AC'97 codec		
<b>Onboard TV Out</b>	VIA VT1622AM TV out	N/A	N/A
<b>Onboard I/O Connectors</b>	1 x USB connector for 2 additional USB 2.0 ports 1 x Serial port connector for a second COM port 1 x Buzzer 1 x FIR connector 1 x CIR connector (switchable for KB/MS) 1 x Wake-on LAN connector 1 x SMBus connector 1 x CD audio-in connector 1 x Front panel audio connector for Line-out and Mic-in 3 x Fan connectors for CPU/Sys FAN/Fan 3 1 x ATX power connector		
<b>Back Panel I/O</b>	1 x PS2 mouse port 1 x PS2 keyboard port 1 x VGA port 1 x RJ-45 LAN port 2 x USB 2.0 ports 1 x Parallel port 1 x Serial port 3 x Audio jacks: Line-out, Line-in and Mic-in (horizontal, Smart 5.1 support)		
<b>BIOS</b>	Award BIOS 2Mbit flash memory		
<b>Operating System</b>	Windows XP, Linux, Win CE, XPe		
<b>System Monitoring &amp; Management</b>	CPU voltage monitoring Wake-on LAN, Keyboard Power-on, Timer Power-on System power management AC power failure recovery		
<b>Operating Temperature</b>	0° C - 50° C		
<b>Operating Humidity</b>	0% ~ 93% (relative humidity; non-condensing)		
<b>Form Factor</b>	Mini-ITX (4-layer) 17 cm x 17 cm		

## Back Panel I/O



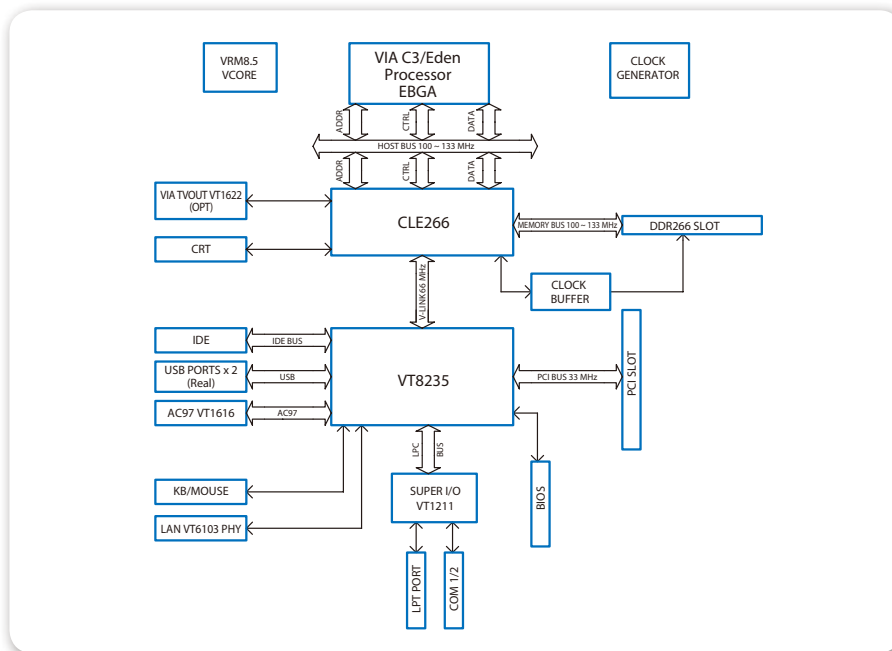
## Accessories



## Ordering Information

Model Name	CPU Frequency	Description
ML8000G	C3® 800MHz	Mini-ITX Board with C3® 800MHz, VGA, TV-out, COM, LAN, LPT, USB, IDE
ML8000AG	C3® 800MHz	Mini-ITX Board with C3® 800MHz, VGA, COM, LAN, LPT, USB, IDE
ML6000EAG	Eden™ 600MHz	Mini-ITX Fanless Board with Eden™ 600MHz, VGA, COM, LAN, LPT, USB, IDE

## Block Diagram



## Packing List

### Items

- 1 x ATA-66/100/133 IDE ribbon cable
- 1 x General installation guide
- 1 x Driver Utility CD
- 1 x I/O bracket