

## Mini-ITX Series

# VIA EPIA CN

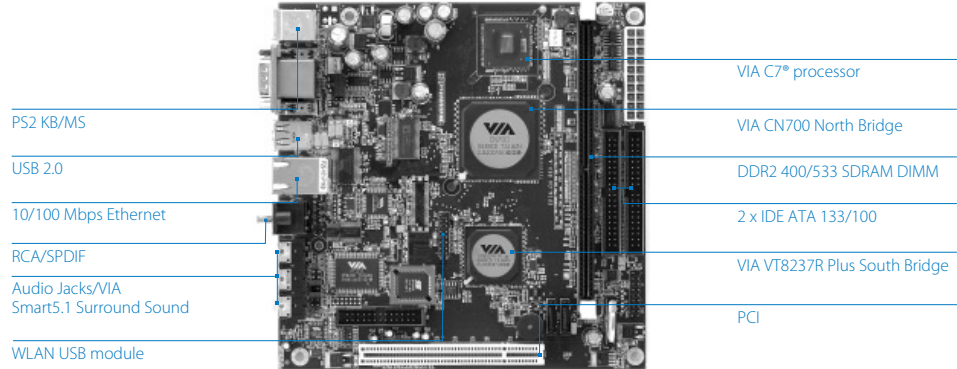
Mini-ITX C7® Board with  
MPEG-2 & TV Support

## Features

- Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration
- Supports DDR2 400/533 SDRAM
- Supports TV-out
- Supports two SATA
- Supports eight USB 2.0 (four as pin headers)



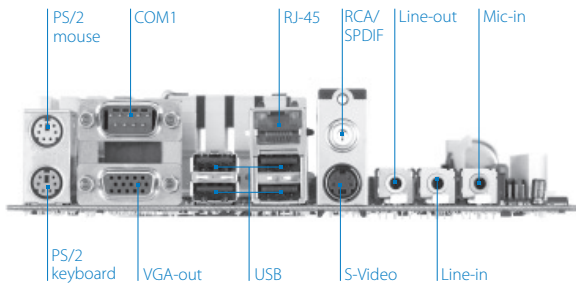
## Board Placement



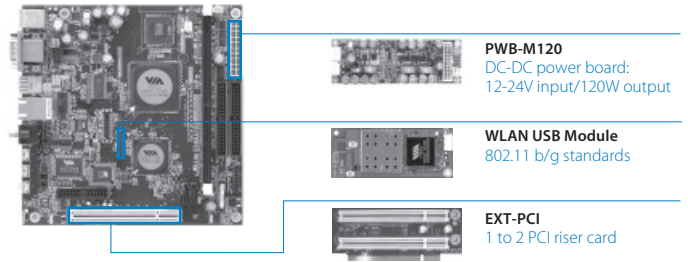
## Specifications

Model Name	EPIA CN13000G	EPIA CN10000EG
<b>Processor</b>	1.3GHz VIA C7®	1.0GHz VIA C7®
<b>Chipset</b>	VIA CN700 North Bridge VIA VT8237R Plus South Bridge	
<b>System Memory</b>	1 DDR2 400/533 DIMM slot Up to 1GB memory size	
<b>VGA</b>	Integrated VIA UniChrome™ Pro 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 VT1618 Multi-channel AC'97 Codec	
<b>Onboard TV Out</b>	VIA VT1625M Encoder	
<b>Onboard I/O Connectors</b>	1 x USB connector for four additional USB 2.0 ports 2 x SATA connectors 1 x LPT connector 1 x CD-in connector 1 x CIR connector (switchable for KB/MS) 1 x Front panel connector 1 x Front panel audio connector for Line-out and Mic-in 2 x Fan connectors for CPU and system fans 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 Serial port 1 x RJ-45 LAN port 4 x USB 2.0 ports 1 x RCA port (S/PDIF or TV-out) 1 x S-Video port 3 x Audio jacks: Line-out, Line-in and Mic-in (Horizontal, Smart 5.1 support)	
<b>BIOS</b>	Award BIOS 4/8Mbit flash memory	
<b>Operating System</b>	Windows 2000/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% ~ 95% (relative humidity; non-condensing)	
<b>Form Factor</b>	Mini-ITX (4-layer) 17 cm x 17 cm	

## Back Panel I/O



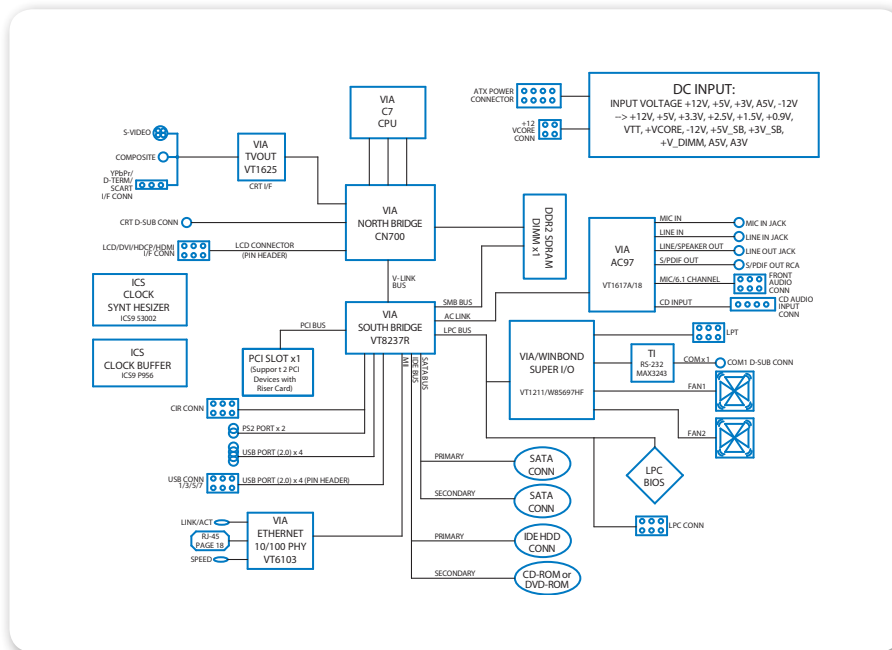
## Accessories



## Ordering Information

Model Name	CPU Frequency	Description
CN13000G	1.3GHz C7®	Mini-ITX Board with 1.3GHz C7®, VGA, TV-out, USB, LAN, COM, IDE & SATA
CN10000EG	1.0GHz C7®	Mini-ITX Board with 1.0GHz C7®, VGA, TV-out, USB, LAN, COM, IDE & SATA

## Block Diagram



## Packing List

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