

Mini-ITX Series

VIA EPIA CN

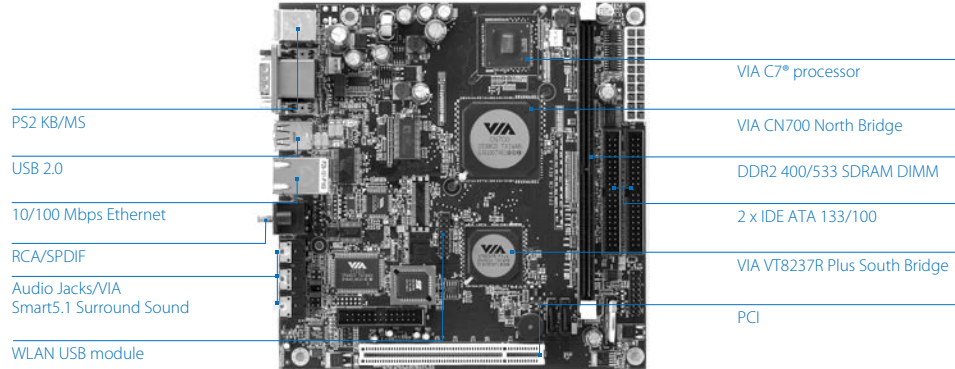
Mini-ITX C7® Board with
MPEG-2 & TV Support

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)



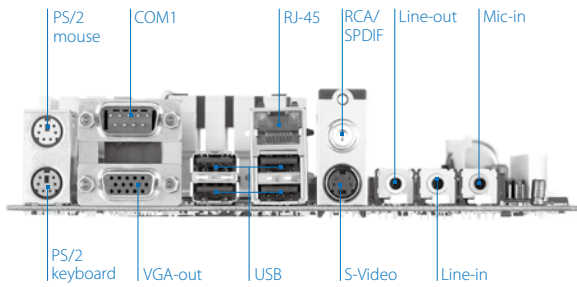
Board Placement



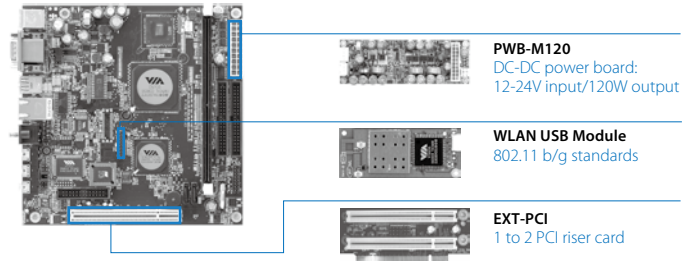
Specifications

Model Name	EPIA CN13000G	EPIA CN10000EG
Processor	1.3GHz VIA C7®	1.0GHz VIA fanless C7®
Chipset	VIA CN700 North Bridge VIA VT8237R Plus South Bridge	
System Memory	1 DDR2 400/533 DIMM slot Up to 1GB memory size	
VGA	Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration	
Expansion Slot	1 x PCI slot	
Onboard IDE	2 x UltraDMA 133/100/66 connectors	
Onboard LAN	1 x VIA VT6103 10/100 Mbps Ethernet PHY	
Onboard Audio	VIA VT1618 Multi-channel AC'97 Codec	
Onboard TV Out	VIA VT1625M Encoder	
Onboard I/O Connectors	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	
Back Panel I/O	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)	
BIOS	Award BIOS 4/8Mbit flash memory	
Operating System	Windows 2000/XP, Linux, Win CE, XPe	
System Monitoring & Management	CPU voltage monitoring Wake-on LAN, Keyboard Power-on, Timer Power-on System power management AC power failure recovery	
Operating Temperature	0° C - 50° C	
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)	
Form Factor	Mini-ITX (4-layer) 17 cm x 17 cm	

Back Panel I/O



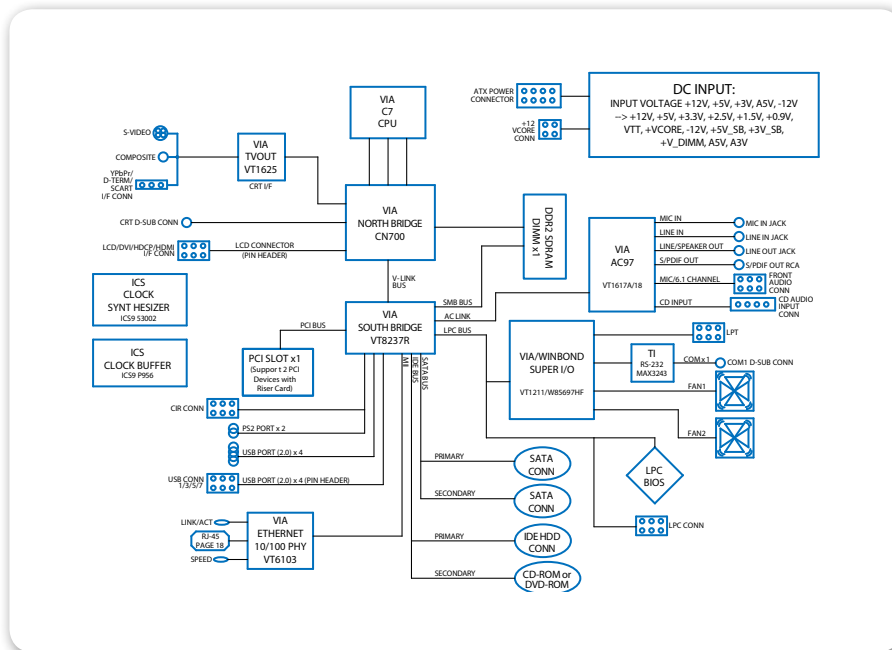
Accessories



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 Fanless 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 General installation guide
1 x Driver Utility CD
1 x I/O bracket