

Mini-ITX Series

VIA EPIA CN

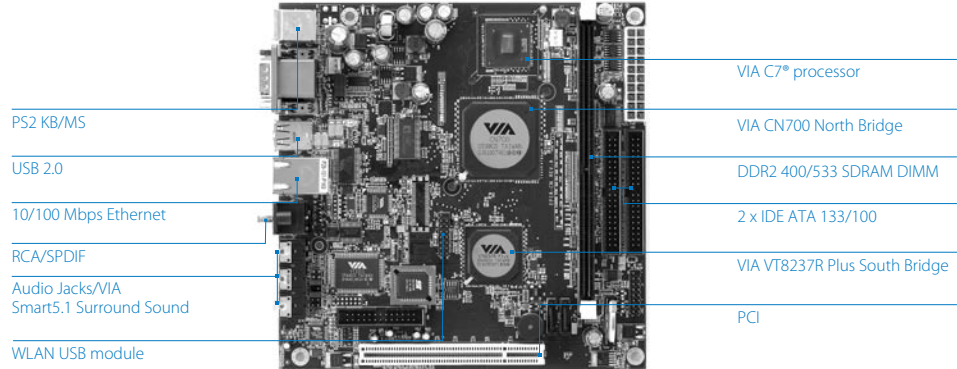
Mini-ITX NanoBGA2 C7®
Board with MPEG-2 & TV
Support

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)



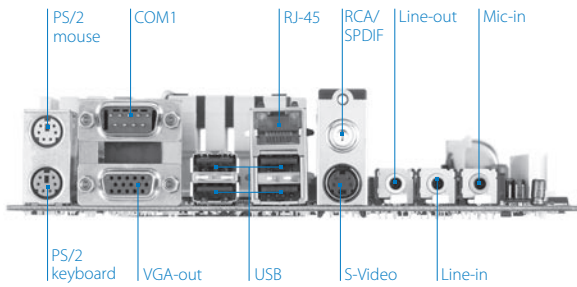
Board Placement



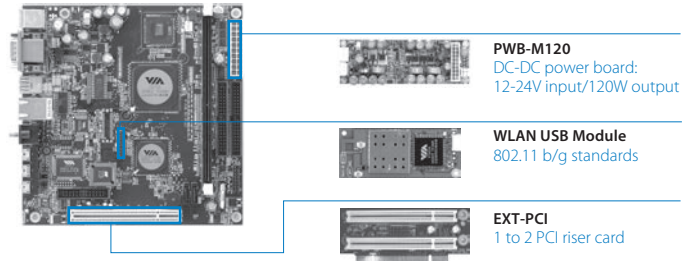
Specifications

| Model Name | EPIA CN13000G | EPIA CN10000EG |
|---|---|---------------------------------|
| Processor | VIA C7® 1.3GHz NanoBGA2 | VIA Fanless C7® 1.0GHz NanoBGA2 |
| 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



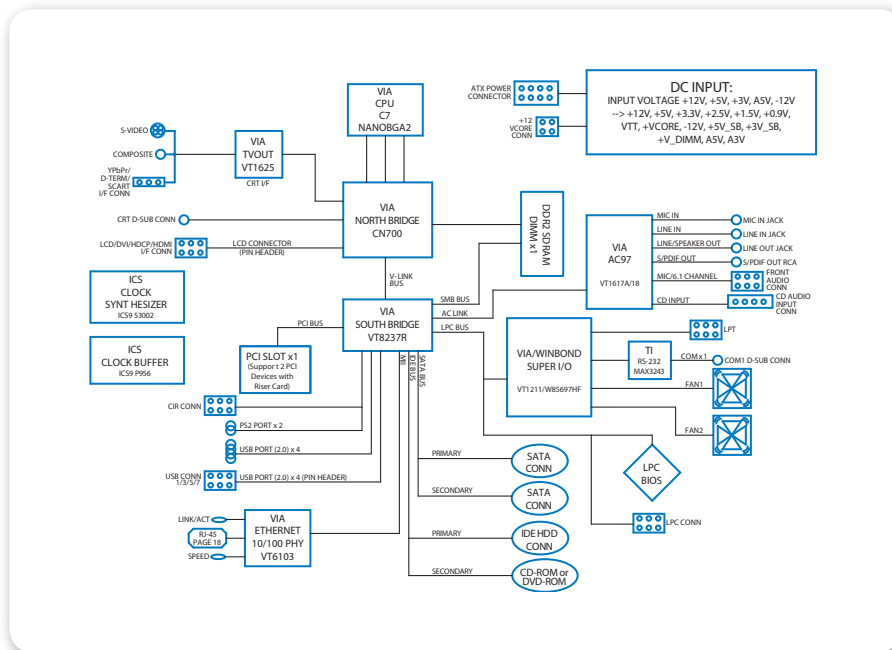
Accessories



Ordering Information

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