

Mini-ITX Series

VIA EPIA EN

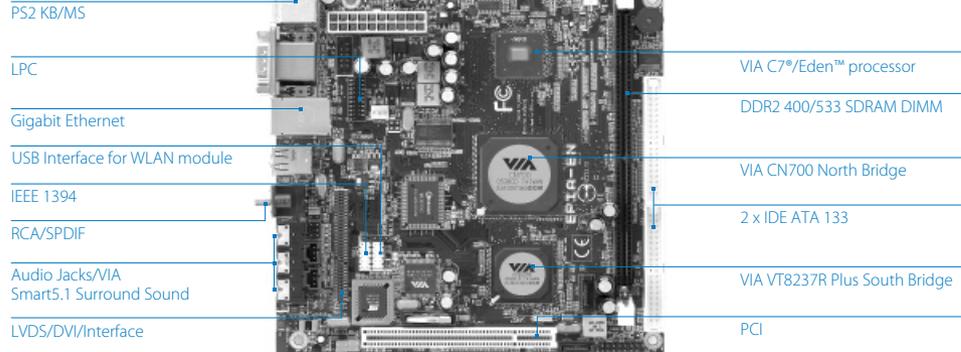
Mini-ITX C7®/Eden™ Board
with MPEG-2, HDTV &
GigaLAN

Features

- Integrated VIA UniChrome™ Pro IGP graphics with MPEG-2 decoding acceleration
- Supports DDR2 400/533 SDRAM
- Supports Gigabit Ethernet
- Supports HDTV resolution (through the component connector)
- Supports IEEE 1394
- Supports two SATA



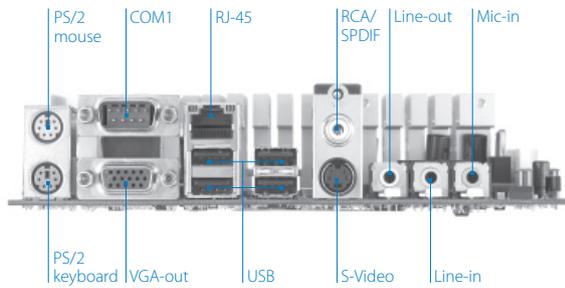
Board Placement



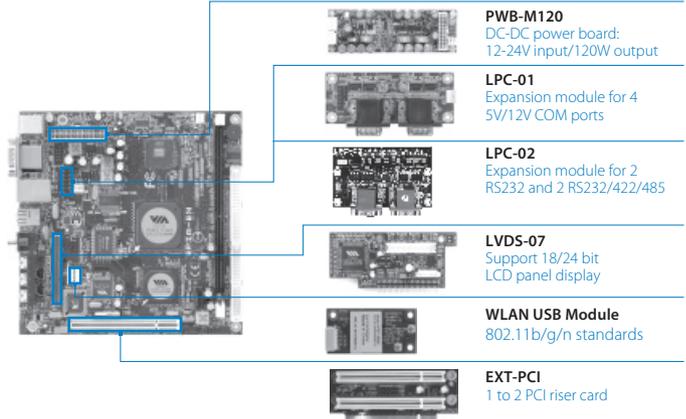
Specifications

Model Name	EPIA EN15000G	EPIA EN1200EG
Processor	1.5GHz VIA C7®	1.2GHz VIA Eden™
Chipset	VIA CN700 North Bridge VIA VT8237R Plus South Bridge	
System Memory	1 x DDR2 400/533 DIMM slot Up to 1GB memory size	
VGA	Integrated VIA UniChrome™ Pro IGP 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 VT6122 Gigabit Ethernet controller	
Onboard Audio	VIA VT1618 Multi-channel AC'97 Codec	
Onboard TV-out	VIA VT1625 HDTV Encoder	
Onboard IEEE1394	VIA VT6307S IEEE 1394 Firewire	
Onboard I/O Connectors	1 x USB connector for 2 additional USB 2.0 ports 1 x IEEE1394 connector 1 x SIR connector (IRDA 1.0) 2 x SATA connectors 1 x Serial port connector for a second COM port 1 x LPC connector 1 x SMBus connector 1 x Component (YPbPr) video connector 1 x LVDS/DVI module connector, for 18/24-bit dual channel LVDS panel (an add-on card is required) 1 x CIR connector (switchable for KB/MS) 2 x S/PDIF connectors (S/PDIF-in and S/PDIF-out) 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 Serial port 1 x VGA port 1 x GigaLAN 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 LPC 4/8Mbit flash memory	
Operating System	Windows XP, Windows Embedded CE, Windows Embedded Standard, Linux	
Operating Temperature	0° C - 50° C	
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)	
Software Application	VIA FliteDeck™ Suite • MissionControl-H/W Monitoring, Remote SNMP Management • FlashPort-Live BIOS Flash • SysProbe-Live DMI Browser	

Back Panel I/O



Accessories



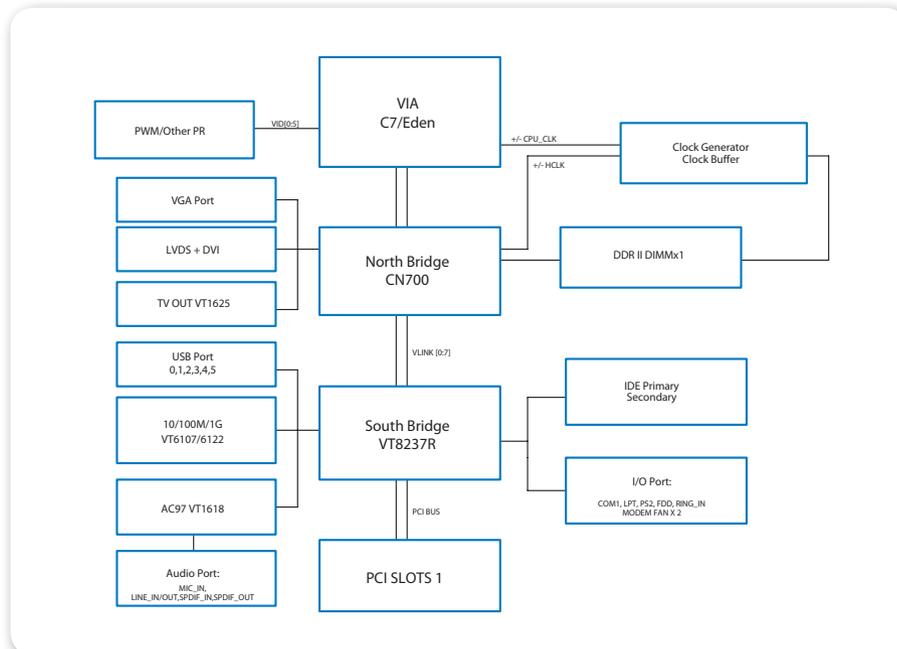
Specifications

System Monitoring & Management	CPU voltage monitoring, FAN control Wake-on LAN, Keyboard Power-on, Timer Power-on, Watch Dog Timer System power management, AC power failure recovery
Form Factor	Mini-ITX (6-layer) 17 cm x 17 cm

Ordering Information

Model Name	CPU Frequency	Description
EPIA-EN15000G	1.5GHz C7®	Mini-ITX Board with 1.5GHz C7®, VGA, LVDS/DVI, TV-out, USB, 1394, GigaLAN, COM, IDE & SATA
EPIA-EN12000EG	1.2GHz Eden™	Mini-ITX Board with 1.2GHz Eden™, VGA, LVDS/DVI, TV-out, USB, 1394, GigaLAN, COM, IDE & SATA

Block Diagram



Packing List

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