

## Mini-ITX Series

# VIA EPIA LN

Mini-ITX C7<sup>®</sup> Entry-level Board with MPEG-2 & Optional TV-out

## Features

- Integrated VIA UniChrome™ Pro AGP graphics with MPEG-2 decoding acceleration
- Supports DDR2 533 SDRAM
- Supports two SATA
- Supports one 10/100 Mbps Ethernet
- Supports eight USB 2.0 (six in pin connectors)
- Supports TV-out (SDTV resolution)



## Board Placement

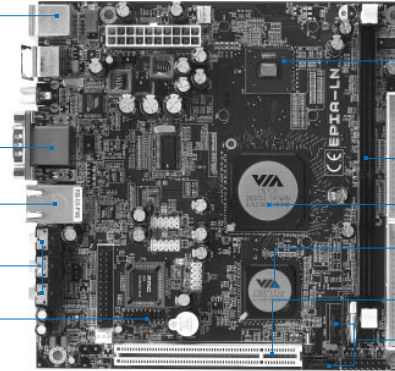
PS2 KB/MS

1 x RS232  
1 x VGA

10/100 Mbps Ethernet

Audio jacks

LPC



VIA C7<sup>®</sup>

2 x IDE ATA 133/100

DDR2 533 DIMM slot

VIA CN700 North Bridge

VIA VT8237R Plus South Bridge

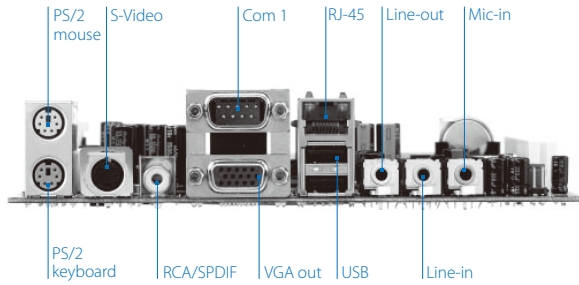
PCI

2 x SATA

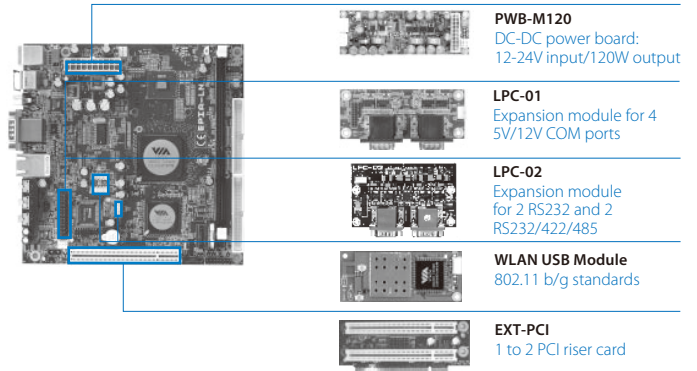
## Specifications

Model Name	EPIA LN10000EG	EPIA LN10000EAG
<b>Processor</b>	1.0GHz VIA C7 <sup>®</sup>	
<b>Chipset</b>	VIA CN700 North Bridge VIA VT8237R Plus South Bridge	
<b>System Memory</b>	1 x DDR2 533 DIMM socket	
<b>Onboard TV out</b>	VIA VT1622AM SDTV Encoder	N/A
<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>	VIA VT6103L 10/100 Mbps Ethernet PHY	
<b>Onboard Audio</b>	VIA VT1618 8-channel AC'97 Codec	
<b>Onboard I/O Connectors</b>	3 x USB pin connectors for 6 additional USB 2.0 ports 1 x FIR connector 2 x SATA connectors 1 x LPC connector 1 x LPT connector 1 x SMBus connector 1 x Buzzer 1 x S/PDIF-out connector (optical) 1 x CIR connector (switchable for KB/MS) 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 S-Video port (optional) 1 x RCA port for composite TV-out (optional) or S/PDIF (coaxial) 1 x Serial port 1 x VGA port 1 x RJ-45 LAN port 2 x USB 2.0 ports 3 x Audio jacks: Line-out, Line-in and Mic-in (horizontal, Smart 5.1 Support)	
<b>BIOS</b>	Award BIOS LPC 2/4/8Mbit flash memory	
<b>Operating System</b>	Windows XP, Linux, Win CE, XPe	
<b>System Monitoring &amp; Management</b>	System voltage monitoring CPU voltage monitoring, Timer power-on, Wake-on LAN/KB/MS 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



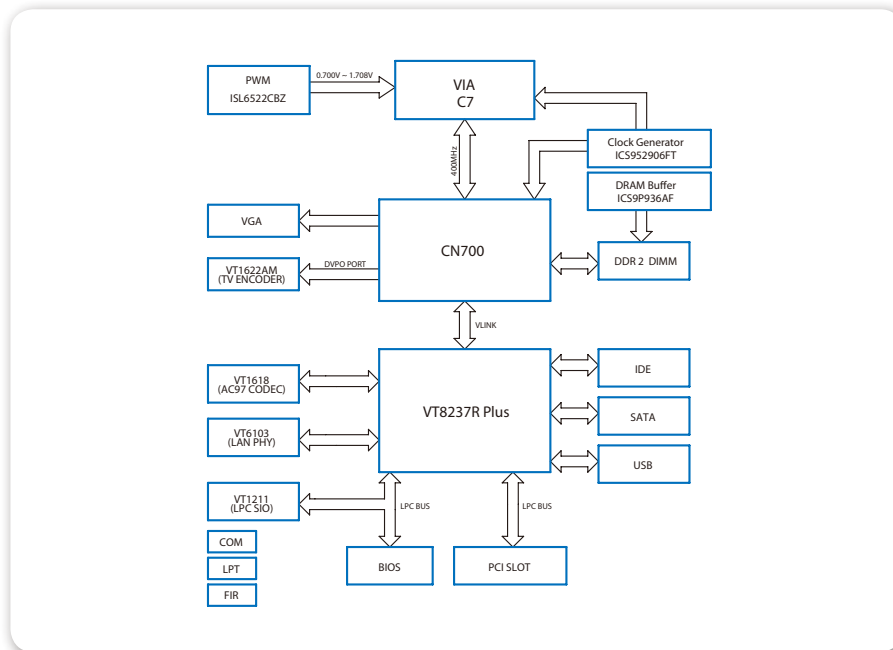
## Accessories



## Ordering Information

Model Name	CPU Frequency	Description
LN10000EG	1.0GHz C7®	Mini-ITX Board with 1.0GHz C7®, VGA, TV-out, USB, LAN, IDE & SATA
LN10000EAG	1.0GHz C7®	Mini-ITX Board with 1.0GHz C7®, VGA, USB, LAN, 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