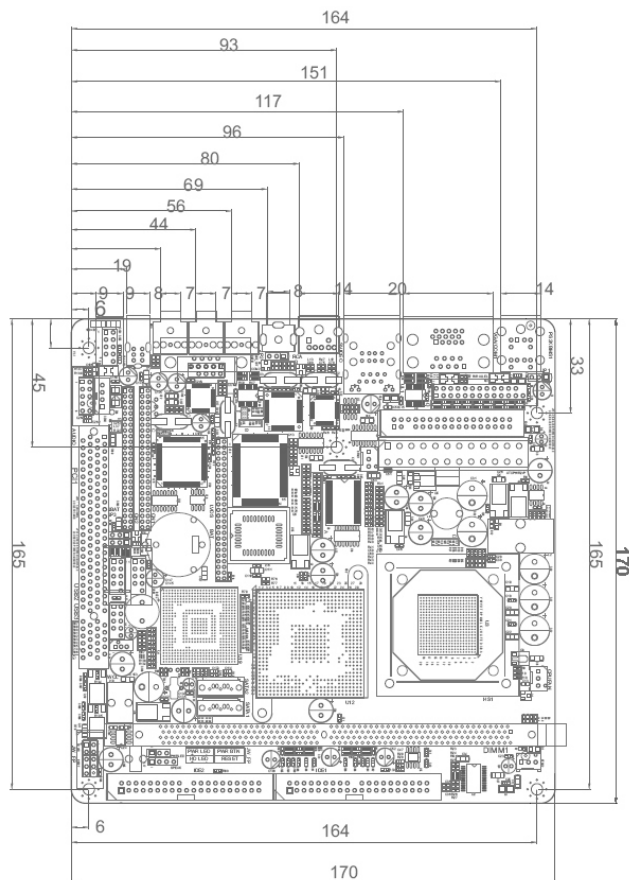
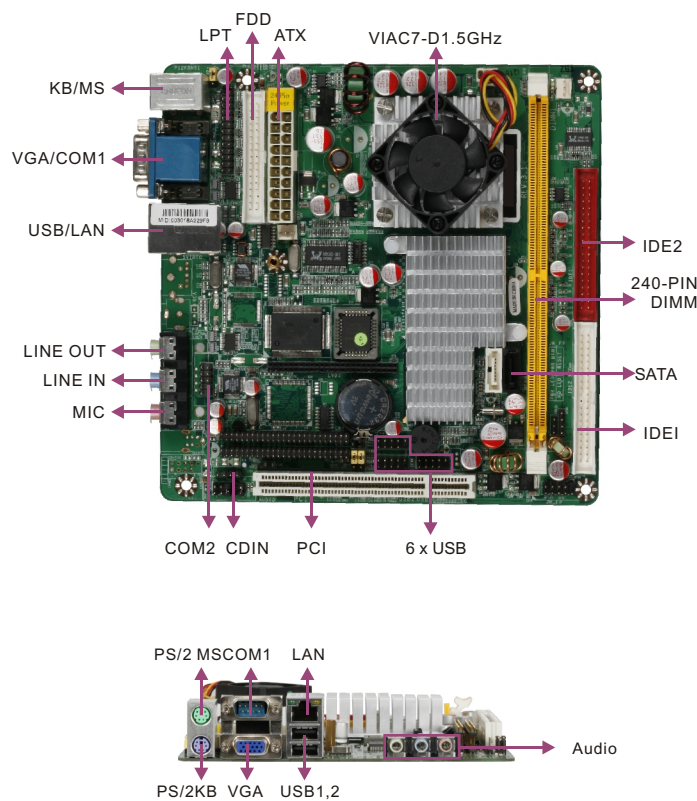


EC7-8721CNA

Mini-ITX SBC with VIA CPU/VGA/LAN/Audio



Features

- Onboard VIA C7-D 1.5GHz processor
- VIA CN700+VT8237R Plus chipset
- One 240-pin DIMM slot, up to 1GB DDR2 533/400 memory
- Supports 1 x 10/100Mbps Ethernet interface
- Supports VGA display
- Supports 1 x 32-bit/33MHz PCI slot and PCI bus expansion
- Supports 2 x COM, 8 x USB2.0, 1 x LPT, 2 x IDE, 2 x SATA



Specifications

System

Processor	Onboard VIA C7-D 1.5GHz processor
Chipset	VIA CN700+VT8237R Plus
Memory	Supports 1 x 240-pin DIMM, up to 1GB DDR2 400/533 memory
Hardware Monitor	Monitors the system status, voltage, temperature and fan speed
Expansion Interface	Supports 1 x 32-bit/33MHz PCI slot

Storage

IDE	2 x Ultra ATA133/100/66 interface
Serial ATA	2 x SATA
RAID	RAID 0, 1, JBOD
CF	N/A
Floppy	1 x FDD

I/O Interface

USB	8 x USB2.0 (2 rear panel ports, 3 onboard USB headers providing six extra ports)
Serial Port	2 x COM
Parallel Port	1 x LPT
Keyboard/Mouse	1 x PS/2
Audio	AC'97 Audio Codec, supporting Mic-in/Line-in/Line-out

Display

Chipset	Integrated 2D/3D graphics Engines, supporting 24-bit 250MHZ RAMDAC
Memory	DVMT, max 128MB shared system memory
Resolution	VGA mode up to 1600 x 1200@85Hz
Display Interface	VGA
Dual Display	N/A

Ethernet

Chipset	1 x VIA VT6103CL
Speed	10/100Mbps
Connector	1 x RJ45

Mechanical and Environmental

Dimensions	170mm x 170mm
Operating Temperature	0°C ~ 60°C
Storage Temperature	-25°C ~ 75°C
Operating Humidity	5%-90%, non-condensing

Power

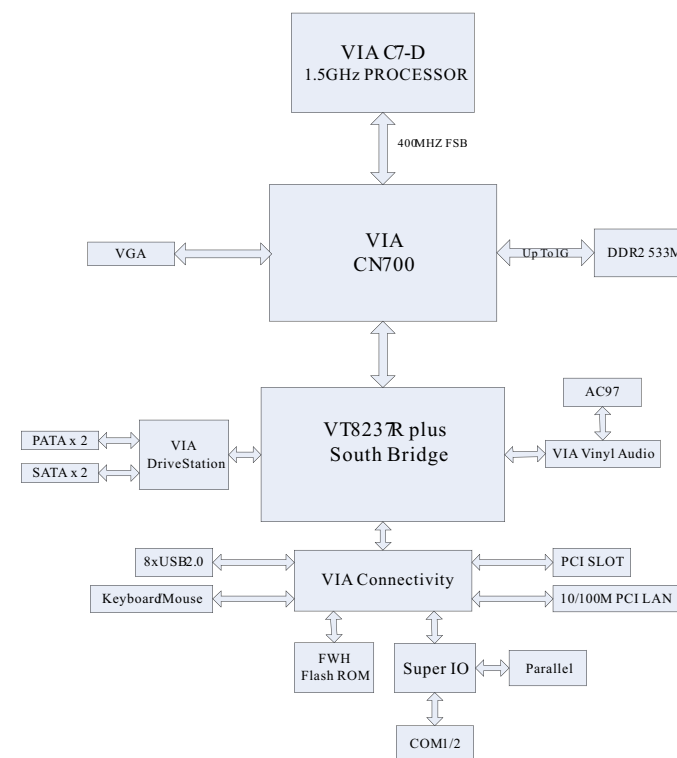
Power Supply	Standard 24-pin ATX power supply
Power Consumption	N/A

Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	N/A

Board Diagram

EC7-8721CNA FUNCTION BLOCK DIAGRAM



Available Accessories

Part Number	Name	Description	Qty.
	SATAcable/RoHS	SATA7 Pin to SATA7 pin cable	1
	IDE cable/RoHS	40 pin IDE port to 2x40 pin IDE port	1
	Serial Port cable/RoHS	DB9 connector to IDC 2x5 Pin connector	1
	I/O back panel	—	1
	Driver CD/Manual/RoHS	EC7-8721CNA	1

Ordering Information

Model Number	Description
EC7-8721CNA	Mini-ITX SBC with VIA CPU/VGA/LAN/Audio