



Features

- VIA Eden-V4 / VIA C7, 533/400MHz ~ 2.0 GHz
- VIA CN700 / VT8237R+
- One DIMM up to 1GB DDR2 400/533 SDRAM
- Integrated UniChrome Pro 3D/2D Graphics & Video processor
- 2-CH 18/24-bit LVDS
- Realtek ALC653 6-CH Audio
- Realtek RTL8100CL 10/100 LAN
- 1 PCI
- 2 COM, 2 SATA, 6 USB 2.0

VIA C7

LVDS

6 CH Audio

2 x SATA

Fanless

Specifications

System

• CPU	VIA C7 1 GHz onboard
• FSB	400/533 MHz
• BIOS	Award 4 Mb Flash BIOS
• System Chipset	VIA CN700 / VT8237R+
• I/O Chip	ITE IT8712F-S
• System Memory	1x 240-pin DIMM socket supports up to 1 GB DDR2 400/533 SDRAM
• H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
• Expansion	One PCI slot (PCI Rev. 2.2 compliant)
• S3	S3 support

I/O

• MIO	2 x EIDE (Ultra DMA 133), 2 SATA, 1x LPT, 2 x RS-232, 1 x K/B, 1 x Mouse
• USB	6 x USB 2.0

Display

• Chipset	Integrated UniChrome Pro 3D/2D Graphics & Video processor
• Display Memory	UniChrome Pro 3D/2D Graphics & Video processor supports up to 64 MB video memory
• Resolution	Resolution 2048 x 1536 @ 32 bpp (85 Hz)
• Dual Display	CRT + LVDS
• LVDS	VIA VT1636 supports Single channel 18/24-bit / Dual-channel 36-bit LVDS
• DVI	Through ADD2 DVI Card
• TV-out	Through ADD2 TV-out Card

Audio

• Chipset	VIA VT8237R+
• AC97 Codec	Realtek ALC653 6-CH Audio Codec
• Audio Interface	Mic in, Line in, Line out

LAN

• LAN 1	Realtek RTL8100CL 10/100Mbps LAN
• Ethernet Interface	10/100Base-T Fast Ethernet compatible: Realtek RTL8100CL

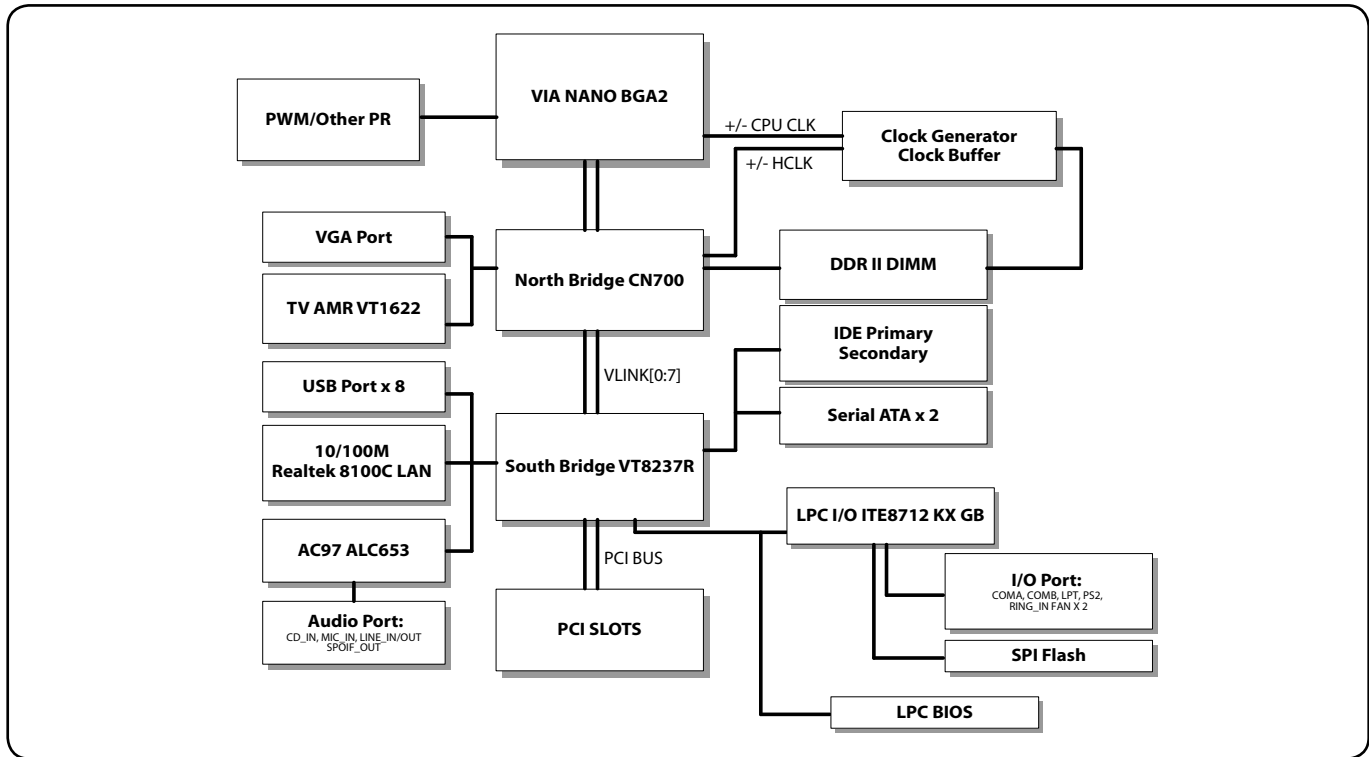
Back Panel I/O

• Back Panel I/O Port	1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x Parallel port 1 x VGA port 1 x Serial port 4 x USB 2.0/1.1 1 x RJ45 port 6-Channel Audio I/O (3 jacks)
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Internal I/O

• Internal I/O Connector	1 x USB connectors support additional 2 USB ports 1 x 20-pin ATX Power connector 2 x IDE connector for four devices 1 x COM connector 1 x CD audio in connector 2 x SATA connectors 1 x Front panel audio connector 1 x S/PDIF Out Header 1 x System panel connector 1 x LVDS connector 1 x CPU Fan connector 1 x Chassis Fan connector
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Block Diagram



Mechanical & Environmental

• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
• Weight	0.88 lbs (0.4 kg)

Ordering Information

- VCN700-LGIC10
VIA C7 1 GHz Mini ITX Main Board with VGA, 2-CH LVDS, 6 CH Audio, 10/100 LAN, PCI, & 6 USB 2.0

Contact information

Avalue Technology Inc.

200 Tornillo Way, Suite 210,

Tinton Falls, NJ 07712

Tel: (732) 578-0200

Fax: (732) 578-0250

Information: sales@avalue-usa.com

Service: service@avalue-usa.com

Web: www.avalue-usa.com