

SYN-1U-MV863A-CER73/10PCI

On-Board 1PCI slot 733Mhz/1Ghz Embedded Board

Processor:

On-Board VIA C3/Eden 376 PIN EBGA Package
Front Side Bus 100/133MHz
VIA Eden Processor 733Mhz / C3 Processor 1Ghz
Integrated Full-Speed 192KB L1/L2 Cache, F.S.B 133MHz
Advanced Multimedia Instruction Set for MMX, 3Dnow

System Chipsets:

MB Chipset: VIA CLE266 with VT8623A and VT8235
VGA: Integrated in VT8623
Sound: VIA VT1616 AC97 2.2 Sound
LAN: Realtek 10M/100Mbps RTL8100B
TV-OUT: VIA VT1622A chip
I/O: VIA VT1211 chip
Video In: Philip 7113H Video input processor
LVDS Transmitter: VT1631 DFP to LVDS signal
IEEE 1394: VT6307 chip

Memory:

PC 1600/2100 DDR 266
Single Socket Up to 512MB

Graphic:

Optimize Shared Memory Architecture and Maximum Share 64MB
Integrated 4 x AGP, 128 Bit, 3D Graphics Engine
MPEG 2/1 Video Decoder, High Quality DVD Video Playback
Microsoft DirectX7.0 and 8.0 Compatible
Resolution Up to 1920 x 1440 x 16 Bit
VGA Resolution Supports 16:9 Mode

TV-Out:

NTSC(M and J) or PAL (B, D, G, H, I, M, N and Nc) TV output
Graphics resolution up to 1024 x 768
Automatic detection of TV presence

PCI Bus Master IDE:

Dual channel master mode hard disk controller supporting four Enhanced IDE devices
UltraDMA-66/100/133 transfer protocols
One 40-pin 2.54mm and One 44-pin 2.0mm IDE connectors
Support 50-pin Compact Flash card type II for ATA interface

Sound:

AC97 2.2 Compliant
Supports 5.1 channel Audio and SPDIF-OUT

USB:

3 x USB 2.0/1.1 Enhanced Host Controller Interface

I/O:

Two 16C550 UARTs RS 232 Port Support
Support Infrared SIR and FIR

SLOT:

One PCI slot

IEEE 1394:

OHCI Compliant Programming Interface
Integrated 400Mbit 2 port PHY

Video In :

Philip SAA7113H Video decode with VIA CLE266 Video capture
Support NTSC/PAL/PAL-M/SECAM video in

Power:

12V DC-In

Front Panel Ports:

Power Switch
Power / HDD / LAN LED Lights
1 USB 2.0 Port

Back Panel Connectors:

AC Power Jack
PS/2 Keyboard and Mouse Connector
VGA Connector
2 x COM Ports
2 x USB 2.0 Ports
1 x RJ45 LAN Port
1 x S-Video and RCA jack for TV-out
1 x S-Video and RCA jack Video in

2 x IEEE 1394A A-type
Audio Line in phone jack
SPDIF-OUT

Storage:

One 40-Pin IDE for DOM
One 44-Pin IDE for DOM or 2.5" Slim HDD
One 50-Pin Compact Flash Disk Socket

BIOS:

Award BIOS
LAN PXE Boot ROM Support

OS Support:

Linux, Windows 9X/ME/2000/XP/CE

Power Consumption:

12V/2.5A

Dimension:

1.75" (H) x 19" (W) x 7" (D) or 44.5 (H) x 440 (W) x 178 (D) mm