

# **SYN1U-CV863A-4R10-2PCI**

## **On-Board 4 LANs 1Ghz CPU Embedded Board With 2PCI slots**

### **Processor:**

On-Board VIA Eden 376 PIN EPGA Package  
Front Side Bus 100/133MHz  
VIA 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 VT1612 AC97 2.2 Sound  
LAN: 4 x 10/100Mbps Realtek LANs

### **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 140 x 16 Bit  
VGA Resolution Supports 16:9 Mode

### **Sound:**

AC97 2.2 Compliant  
Supports 2 Channel Audio

### **I/O:**

1 16C550 UARTs RS 232 Port Support  
Support Infrared SIR and FIR

### **Power:**

12V DC-In

**PCMCIA:**

Richo R5C486 PCMCIA Chipset Compliant PCI with Specification Version 2.2  
Supports 2 PCMCIA Sockets  
CardBus (Card-32) Card and 16-Bit (PCMCIA 2.1/JEIDA 4.2) Card Work at the Same Time  
Compliant with PC Card Standard Release 8.0 Specification  
Compliant with i82365SL Compatible Register Set / ExCA  
Supports INTA# and INTB# for PC System Interrupt  
Supports Serialized IRQ

**Expansion slots:**

2 PCI slots riser card

**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  
1 x COM Ports  
4 x USB 2.0 Ports  
4 x LAN Ports  
2 x PCMCIA slots

**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/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