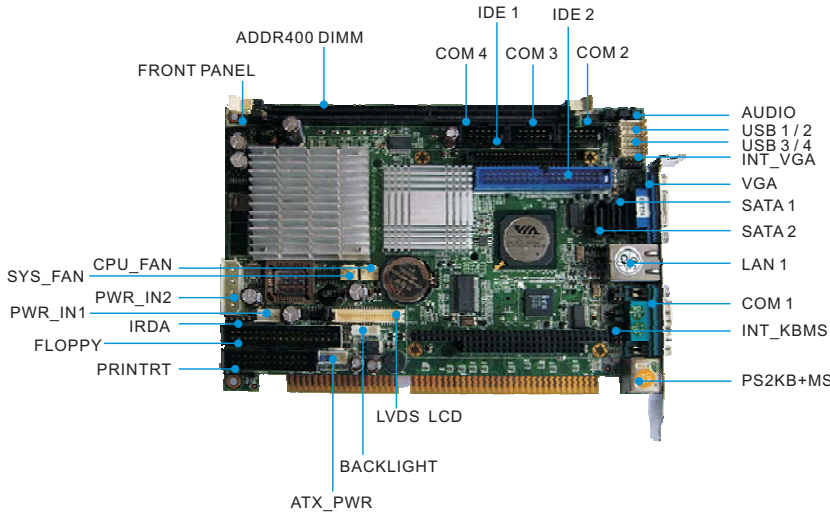


HIC-6828E

Half size card

ISA VIA V4 EDEN CPU Card w/VGA/LCD/Audio/LAN/Dual SATA

www.szvid.com



Features

- ▶ Supports both VIA V4 EDEN NanBGA2 CPU in V4 bus foreither High performance or Low power.
- ▶ Compact design with Rich I/O functions for Panel PC , Thin-Client terminal, Automation.
- ▶ Multiple I/O support, up to 4 x USBs and 4 x COM four COM ports, ports. COM1 & COM2 are powered by 5V/12V.
- ▶ Support LVDS LCD. LCD Brightness control with Software ready for Windows XP/2K.
- ▶ Single 10/100M LAN Design with Remote Boot and Wake Up on LAN support.

System

CPU	VIA® V4 EDEN CPU with V4 bus in Nano BGA2 package. EDEN supports 400M/500M /600M/800M/1.0G/1.2G/1.5GHz
BIOS	Award BIOS in 4M-bit Flash ROM, update utility available.
Chipset	VIA® CN700 and VT8237RPlus chipset.
System Memory	One 184-pins DIMM sockets for DDR266/333/400 SDRAM up to 1 GB.

Ethernet

10/100M LAN	VIA VT6103L on board for 10/100M LAN. Support Wake Up-on-LAN
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Display

VGA	CN700 Integrated S3 Graphic Engine. Support CRT and LVDS LCD panel Dual Independent Display.
AUDIO	3D AC97 Audio CODEC with Line-OUT, Microphone, LINE-IN, Center/LF and Surrounding.

Power

Supply Voltage	Support both AT mode or ATX mode operation. Support both AT mode or ATX mode operation. Supply +5V and +12V output power with 4-pins 3.5" FDDtype 4-pins power connector.
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I/O

On Board I/O	Two IDE channels with PIO mode 4, Ultra DMA33/66/100 and Bus Mastering. One 40-pins IDE connector for 3.5" HDD/CDROM and one 44-pins Connector for 2.5" HDD or Disk-on-Module. One 50-pins CF-II socket for Compact Flash Card. Two SATA Ports support SATA-I and SATA -II Device. Two SATA ports can be configured as RAID0 or RAID1. 4 USB 2.0 ports, Dual USB ports cable with mounting bracket enclosed for external USB devices. 4 COM ports, One D-Sub connector on external I/O ports and three in 2x5 box-header, support standard RS-232 protocols. COM2 are RS232/422/485 selectable by Jumper. COM1 and COM2 Pin9 are powered with either 5V or 12V or Ring-In selected by Jumpers. 1 x Parallel port supports SPP/ECP/EPP mode. 1 x IrDa port.
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System Monitoring

83627HF integrated hardware monitor chip to monitor Voltages, Temperatures and FAN speed. CPU FAN and System FAN automatically turns on and off based on CPU and System temperature.

Mechanical and Environmental

Board Dimension	185mm(W) x 127mm(L) 4 screw holes on four corners.
Temperature	0~60°C Operation Range. Relative Humidity: 5~95%, non-condensing.
Watchdog Timer	Programmable watchdog timer from 1~255 seconds.