

# NC-674 Low Power

## Fanless EDEN ISA half card

VIA VT8606/686B chipset + EDEN 300/733/1000MHz CPU, low-power fanless 192K L1/L2 Cache, 100/133/133 FSB, PC133 SDRAM, AGP-4X SMA LVDS/TFT/DSTN LCD/ CRT, ATA100 IDEx2, LAN, RS-232/422/485, Parallel, USB, IrDA, WDT, CF-2, ISA, ATX control pin, Hardware monitoring, Single +5V, I2C signal pin; Optional AC97 Audio board

### Specifications:

- **CPU:** P-III class VIA EDEN ESP3000/7000/10000 300/733/1000 MHz low-power fanless 0~85C CPU, 128K L1 cache & 64K L2 cache, **100/133/133 FSB**
- **System chip:** VIA VT8606 (PN133T Twister-T) & VT82C686A/B
- **Cache:** 128K L1 Cache & 64K L2 Cache built in CPU
- **BIOS:** Award/AMI BIOS, 256KB (Flash) EPROM
- **DRAM:** 1 x 168-pin DIMM socket support memory up to 512MB **PC133/PC100** SDRAM/ VCM-SDRAM
- **AGP-4X LCD/ LVDS/ CRT: AGP-4X Savage4 3D/2D** LVDS/TFT/DSTN LCD/CRT W/ 8M~32M SMA memory (share system memory as display memory), support **1600x1200 TFT/DSTN/LVDS (2-CH 110MHz) LCD & 1920x1440 2D/3D CRT**. Also support **16:9 display (resolution 848x480 and 1280x768)**.
- **DVD assist:** Hardware-Assisted MPEG-2 architecture For DVD full-screen video playback
- **100/10M Ethernet x 1:** Realtek 8139C LAN x 1, or, Intel 82559 LAN x 1
- **Optional Audio:** AC97 Audio signal pin on board
- **USBx2 and IrDA:** USB and IrDA pin header on board
- **Temperature/fan monitoring:** 686B on-chip function
- **CompactFlash I / II Socket:** CF-2 socket for IDE Flash Disk, or, IBM 1.8" MicroDrive 340MB/1GB HDD
- **I2C:** I2C signal pin
- **Bus type:** ISA Bus
- **Speaker:** Buzzer on Board
- **CMOS Backup:** Backup by Li Battery
- **PS/2 Keyboard & Mouse:** DIN & pin header
- **ATA100/66/33 IDE Port x 2:** Up to 4 x IDE devices
- **FDD:** Two 3.5" or 5.25" FDD or LS120
- **Parallel Port x 1:** Bi-directional SPP/EPP/ECP port
- **Serial Port x 2:** RS-232 x 1 + RS-232/422/485 x 1 (**+5V/+12V Power Output in Pin1 or Pin9**)
- **WDT:** Programmable 0 ~ 256 sec
- **Power Requirement:** +5V & +12V or **Single +5V** by 4-pin power connector; ATX Power control pin
- **Dimension:** 185mm x 122mm
- **Storage Temperature:** -20 to 70°C
- **Operating Temperature:** 0 to 60°C (140°F)