# Industrial Board

## EX9674

### *Key Specification/Special Features:*

CPU:P-III class VIA Eden ESP ESP4000/5000/6000 400/533/667MHz low-power fanless CPU, 3W/5W, 128K L1 cache & 64K L2 cache, 100/133 FSB, 0~+85℃

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-channel 110MHz) LCD & 1920x1440 2D/3D CRT

DVD: Hardware-Assisted MPEG-2 architecture for DVD full-screen video playback

100/10M LAN: Realtek 8139C 100/10M LAN ( or Intel 82559 100/10M)

CompactFlash I/II socket: CF-2 socket for IDE Flash Disk, or, IBM 1.8" MicroDrive 340MB/1GB HDD

USBx2 and IrDA: USB and IrDA pin header on board

Optional Audio: AC97 Audio signal pin on board

Temperature/fan monitoring: 686B on-chip function

I2C: I2C signal pin

Bus type: ISA Bus

Speaker: Buzzer on Board

CMOS Backup: Backup by Li battery

PS/2 Keyboard & PS/2 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: 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)

Watchdog Timer: Programmable 0 ~ 256 sec.

Power Requirement:+5V & +12V or Single +5V by 4-pin power connector; ATX Power control pin

Dimension: 185mm x 122mm

Operating Temperature: 0 to +60℃ (140℉) and 0~+85℃ CPU support fanless application.