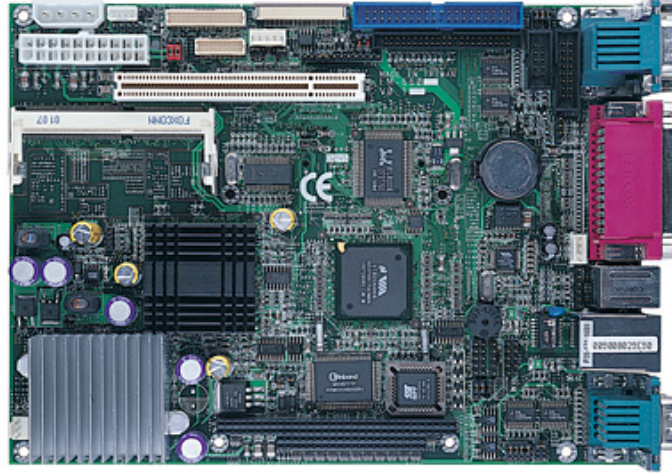


- Embedded Platform -

VIA Eden Low Power CPU with
VGA/LCD/LVDS/LAN/Sound/CF/PC104

EM-660A



□ FEATURES

VIA Eden / Ezra low power CPU on board
VIA chipset integrated with AGP 4X graphics
36 bit TFT & 2 channels (2 x 18bits) LVDS support
10/100 Base-T Ethernet & PC-97 audio
Type I/II CompactFlash
4 COMs, 1 Parallel, 4 USB, 1 IrDA
PC/104 & PCI expansion

□ SPECIFICATION

CPU	VIA low power 533/800 MHz processor on board, 133MHz FSB
Chipset	VIA VT8606 north bridge & VT82c686B south bridge
BIOS	256KB Award license BIOS
L2 Cache	64KB on VIA CPU
OS Compliance	Windows 95/ 98SE / XP / NT4.0 / 2000, Red Hat 8.0, SCO UNIX
System Memory	Support PC133 / PC100 SDRAM up to 256MB
Video	VIA Twister chip integrated S2 ProSavage 4, AGP 4X graphics engine, support 36-bit TTL LCD and 2 channels (18bit) LVDS, and shared 8/16/32 system memory. One DB-15 VGA connector
Audio	Microphone-in, Line-in, Line-out & Speaker-out connectors
Ethernet	Realtek RTL8100B supports 10/100 Base-T Ethernet. One RJ-45 connector
EIDE	PIO mode 4 and bus master, also supports Multi-word DMA and Ultra DMA 33/66/100

Floppy Drive Interface	One FDD port supports one 3.5" floppy device
Serial Port	Four COM ports with ESD protect, COM1 RS-232/422/485 DB-9 connector, COM2 RS-232 DB-9 connector, COM3 DB-9 connector and COM4 RS-232 2x5x2.54mm box-header
Parallel Port	One multi-mode parallel port (SPP/EPP/ECP) DB-25 connector
Keyboard / Mouse Connector	Two mini-DIM PS/2 keyboard & mouse connectors and one internal keyboard / mouse pin-header
Universal Serial Bus	USB 1.1, two by external & two by internal connectors
IR Interface	Support one IrDA header
Digital I/O	4 x digital-in and 4 x digital-out
CompactFlash	Support one Type I/II CF Socket
Expansion Bus	16-bit PC/104 and 32-bit PCI slot
Health Monitoring	Integrated in VT686B
RTC	Internal RTC with Li battery
Watchdog Timer	Software selectable 15 level time-out intervals
Power Connector	One ATX/AT co-design connector and one HDD 4T connector
Operating Temperature	0°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, RH, non-condensing
Dimensions	219 x 159 (8.62" x 6.26")
Net Weight	350g

ORDERING INFORMATION

EM-660A

On-board VIA Eden-533M Fanless CP