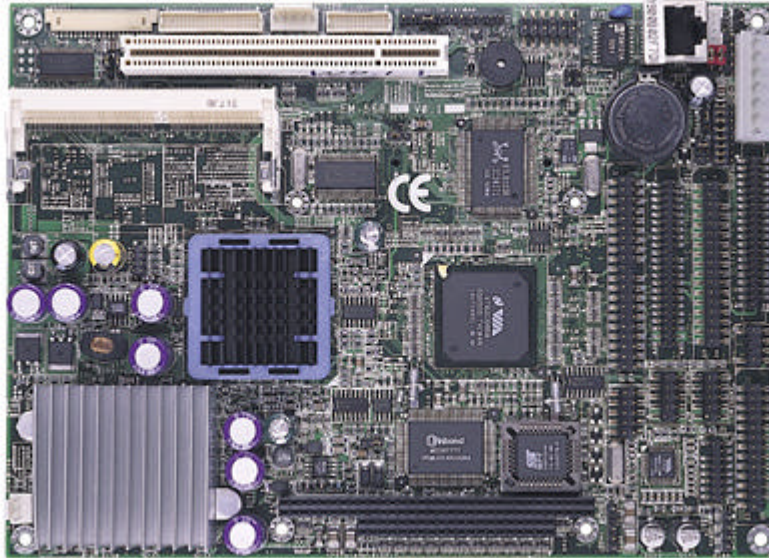


- Embedded Platform -

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

EM-568A



□ FEATURES

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

□ SPECIFICATION

CPU	VIA low power CPU 400/533/733/800MHz/1G processor on board, 133MHz FSB
Chipset	VIA VT8606 north bridge & VT82C686B south bridge
BIOS	256KB Award license BIOS
L2 Cache	64KB on CPU
System memory	SODIMM socket support PC133 / PC100 SDRAM up to 512MB
VGA/LCD	VIA VT8606 integrated S3 ProSavage 4, AGP 4X graphics, support 36-bit TFT/DSTN/STN LCD and 2 channels of 18 bit(2x18) LVDS, and shared 8/16/32 system memory.
Sound Output	Microphone-in, Line-in, Line-out CD-in & Speaker-out connectors

Ethernet	Realtek RTL8100B supports 10/100 Base-T Ethernet. One RJ-45 connector
SSD	One socket for type I/II CompactFlash
Expansion Bus	16-bit PC/104 and 32-bit PCI slot
Floppy Drive Interface	One FDD port supports one 3.5" floppy device
Serial Port	Four COM ports with ESD protect, COM1, COM3, COM4 are RS-232, COM2 is RS-232/422/485
Parallel Port	One multi-mode parallel port (SPP/EPP/ECP)
Keyboard/Mouse	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
RTC	Internal RTC with Li battery
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	203 x 146 (8" x 7.25")
Net Weight	203 x 146 (8" x 7.25")