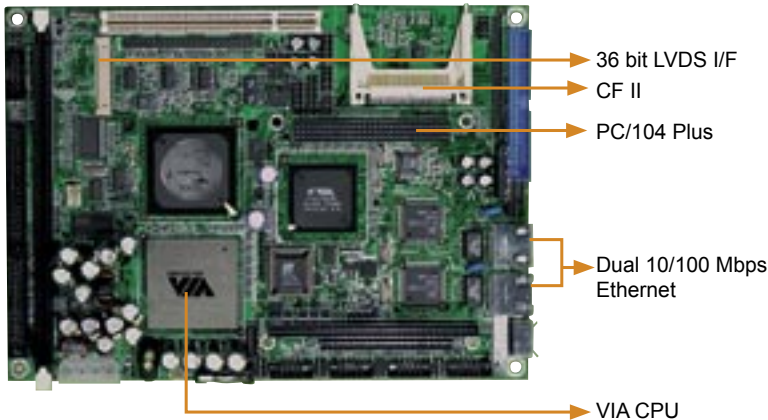


NOVA-EDEN-733

5.25" VIA EDEN 733MHz CPU Board, with
VGA/LCD, USB 2.0, Dual LAN & Audio

All-in One Embedded Solution



Fanless 4 x RS-232
Serial Ports



Specifications

CPU	Embedded low power consumption VIA Eden CPU (EBGA package)
System chipset	VIA VT8606T (PN133T) with VT82C686B
System memory	1x PC100/133 SDRAM up to 512MB
Display	<ul style="list-style-type: none"> On-chip ProSavage™ VGA controller Bus: AGP 4x V-RAM: Shared with system memory up to 32MB (SMA technology) Resolution: Up to 1920x1440 (CRT) Connector: DB-15 for CRT display DF 14-20F for 36-bit LVDS, 50 pin header for LCD digital signal output TV-OUT: Both NTSC and PAL output signal are supported
SSD	1x on board Compact Flash type II socket
Ethernet	<ul style="list-style-type: none"> 2x on board 10/100Mbps fast Ethernet controller Dual Intel 82551: NOVA-EDEN-733N Dual Realtek RTL8100BL: NOVA-EDEN-733R
Audio	On board AC'97 codec with 6W amplifier
I/O	<ul style="list-style-type: none"> 3 x RS-232 serial ports by pin-header 1 x RS-232/422/485 selectable port 1 x LPT parallel port by pin-header (supports SPP/EPP/ECP mode) 1 x IrDA (SIR mode) 4 x USB 2.0 + 2 x USB 1.1 by pin-header 2 x ATA/100 IDE channel, supports CD-ROM, ZIP and LS-120 drive bootable (IDE1: 40-pin, IDE2: 44-pin). 1 x FDD connector, supports 1.44/2.88MB and 3-mode floppy drive
WDT	Software programmable supports 1~255 seconds system reset
PC/104 and PC/104 Plus	For PCI and ISA device modules expansion
Expansion slot	<ul style="list-style-type: none"> 1x 32-bit/33MHz PCI expansion slot for PCI devices expansion 1x PC/104 for ISA device modules expansion 1x PC/104 Plus for PCI device modules expansion
Digital I/O	4 Inputs and 4 outputs
Hardware Monitoring	Provides CPU Vcore, Vcc; CPU/System fan speed and temperature detecting function.
ATX power control function	Meets ACPI 1.1 specification
Power Consumption	5V@3.1A; 12V@160mA (with 256MB SDRAM)
Operating Temperature	0~60°C
Relative Humidity	5~95%, non-condensing

Ordering Information

- **NOVA-EDEN-733N** 5.25" VIA EDEN 733MHz CPU Board, with VGA/LCD, USB 2.0, Dual Intel LAN & Audio
- **NOVA-EDEN-733R** 5.25" VIA EDEN 733MHz CPU Board, with VGA/LCD, USB 2.0, Dual Realtek LAN & Audio

Notes:
Contact Supplier about other VIA CPU's

Feature

- Embedded VIA Eden 733MHz CPU for Fanless system support
- CRT/LCD integrated in VT8606, support 36-bit LVDS/TTL, TV-Out
- 2x PC133 SDRAM support up to 512MB
- support 1x PCI and (ISA+PCI), PC/104+ extension slots
- CFII, Dual LAN, USB2.0, Multi-COM, Audio integrated



EBC-2700
Industrial Embedded Chassis
with NOVA-C400 and NOVA-EDEN-733 SBC

Specifications

- ◆ Designed to mount on Desk top and Wall mount application
- ◆ Front panel equipped with two USB ports
- ◆ Drive space for one internal 2.5" HDD
- ◆ Equipped with one 4cm system
- ◆ Support one PC/104 or PC/104 Plus module space
- ◆ Standard equipped with power supply: ACE-890A 90W AT power supply
- ◆ Optional power supply: ACE-890AP/C/T/V/P AT power supply
- ◆ Color: Dark Blue (PANETONE 433C)
- ◆ Dimension: 180mm (W) x 88mm (H) x 230mm (D)

Ordering Information

- **EBC-2700/ACE-890A**
Industrial Embedded chassis with ACE-890A AT power supply
- **EBC-2700/ACE-890C**
Industrial Embedded chassis with ACE-890C AT power supply

Single Board Computer

PIAGP Series
PICMG
Half-Size
Industrial Motherboard
5.25" NOVA
EPIC NANO
3.5" WAFER
ETX
PC/104
Add-on Card
IVC Card
Backplane

LCD Product Series

Chassis

Power supply

Peripheral