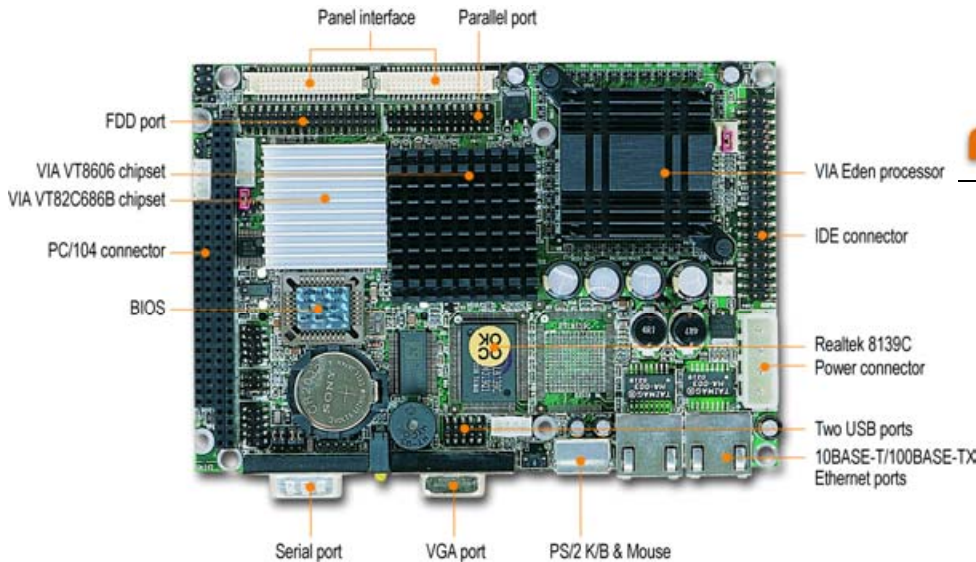


ROBO-513

3.5" ESB, based on VIA Eden ESP500 processor with LCD/LVDS, dual LAN and audio



Feature

- On board VIA Eden ESP5000 533MHz Low-power CPU
- VIA VT8606, high performance 128-bit GUI, 3D engine
- Dual Realtek 8139C 10BASE-T/100BASE-TX fast Ethernet
- Support Type II compact flash disk
- Integrated AC-97 2.0 sound blaster compatible audio
- PC/104 expansion connector

System

CPU	On board VIA Eden ESP5000 533MHz Low-power CPU
Chipset	VIA VT8606 / VT82C686B
Memory	One 144-pin SODIMM socket supports up to 512MB SDRAM
L2 Cache	128KB
BIOS	Award 256KB Flash BIOS
SSD	One CF socket supports Type I/II Compact Flash Card
Storage Devices	Two EIDE devices; two FDDs
Watchdog Timer	Programmable via software from 2 sec. to 255 sec., 1sec./step
Expansion Interface	One PC104 connector
Hardware Monitoring	Yes
Power Requirement	+5V @ 2.4A w/VIA C3 533MHz
Dimension	150(L) x 100(W) mm; 5.9"(L) x 3.94(W)"
Environmental	Operation temperature: 0~55 °C Storage temperature: -20~75 °C Operation humidity: 5~95%

Ordering Information

Standard

ROBO-513	3.5" ESB, based on VIA Eden ESP5000 533MHz with dual Ethernet
ROBO-513N	3.5" ESB, based on VIA Eden ESP5000 533MHz with single Ethernet

Packing List

User's manual	x1
Utility CD	x1
Audio / USB with daughter board	x1
PS/2 keyboard & mouse cable	x1
HDD cable	x1
FDD cable	x1
Printer & Serial port cable	x1
Audio/USB cable	x2

I/O

MIO	RS-232 x 1, RS-232/422/485 x 1, Parallel Port x 1
IrDA	Yes
Ethernet	Dual Realtek 8139C PCI-bus Ethernet
Audio	NS Geode CS5530A, AC97 ver.2.0 compliant interface Multi-stream Direct Sound and Direct Sound 3D acceleration
USB	2
Mouse & K/B	1

Display

Chipset	VT8606
Memory Size	8/ 16 /32 MB frame buffer using system memory
Display Mode	Supports non-interlaced CRT and up to 36-bit TFT LCD display
TV-out	N/A