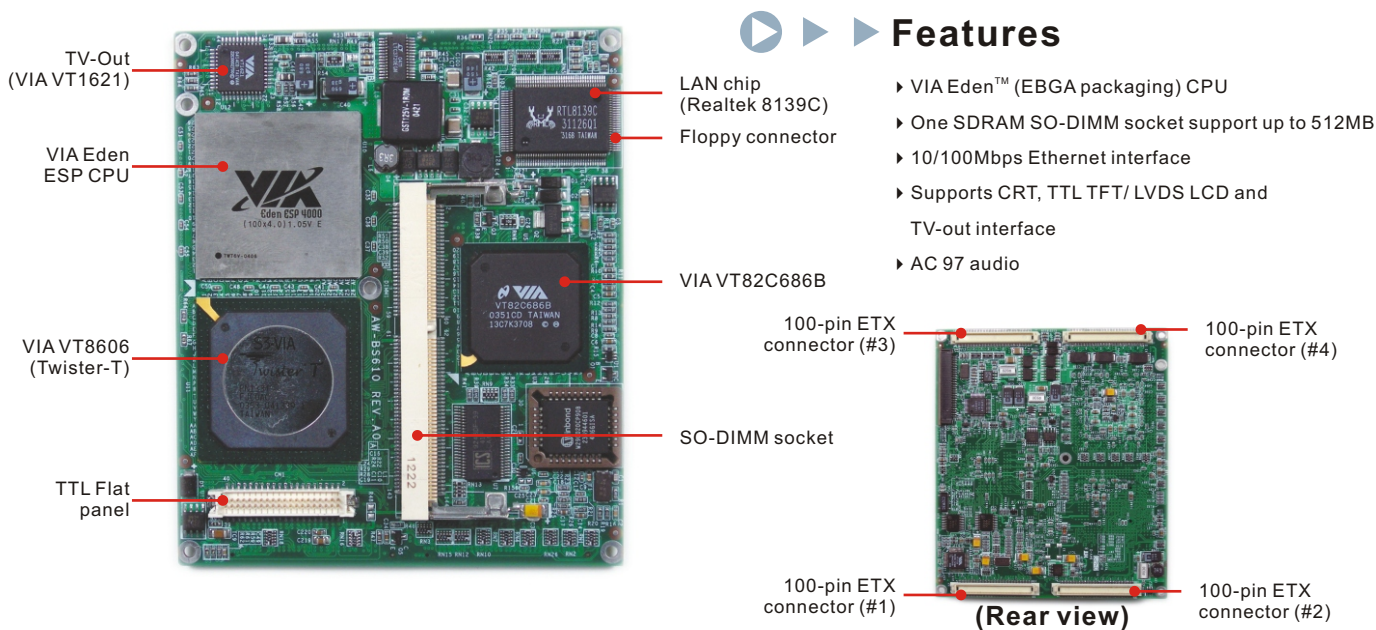


AW-BS610

VIA Eden™ SOM-ETX with VGA/LCD/LVDS, LAN, TV-Out & Audio



▶▶▶ Features

- ▶ VIA Eden™ (EBGA packaging) CPU
- ▶ One SDRAM SO-DIMM socket support up to 512MB
- ▶ 10/100Mbps Ethernet interface
- ▶ Supports CRT, TTL TFT/ LVDS LCD and TV-out interface
- ▶ AC 97 audio

Specifications

General Functions	
CPU	VIA Eden™ (EBGA packaging) CPU
BIOS	Award® 512KB Flash BIOS
Chipset	VIA VT8606 + VT82C686B
I/O Chipset	Built-in VT82C686B
Memory	Onboard one 144-pin SO-DIMM socket supports up to 512MB SDRAM
Enhanced IDE	Supports up to two IDE devices
FDD Interface	Supports one FPC type floppy disk connector
Parallel Port	One bi-directional parallel port and can be reconfigured to FDD interface; supports SPP/ECP/EPP modes
Serial Port	Two RS-232
IR Interface	Supports SIR IrDA 1.1 compliant
KB/Mouse	Supports keyboard and mouse interface
USB	Four USB 1.1
Watchdog Timer	Can generate a system reset or interrupt; supports software selectable timeout interval
System Monitoring	Built in VIA VT82C686B supports temperatures and voltages monitoring
Expansion Interface	Supports ISA & PCI expansion interface
Flat Panel/CRT Interface	
Chipset	VIA Twister-T chipset with integrated Savage4 2D/3D/Video accelerator
Display Memory	Share system memory 8/16/32MB
Display Type	CRT, 24-bit TTL TFT LCD and 18-bit LVDS
Output Connector	Onboard TTL TFT LCD connector
Ethernet Interface	
Chipset	Realtek® RTL8139CL+
Interface	10/100 Mbps interface
TV-out Interface	
Chipset	VIA1621 digital TV encoder
TV Format	Supports NTSC and PAL signal format
Audio Interface	
Chipset	Realtek® ALC650 AC 97 codec
Form Factor	ETX
Mechanical and Environmental	
Power Supply Voltage	+5V(4.75V to 5.25V)
Max. Power Requirements	5A@5V
Operating Temperature	32° to 140°F (0° to 60 °C)
Board Size (L x W)	114mm(L) x 94mm(W) (4.5"L x 3.7"W)

▶ Note: All specifications are subject to change without prior notice

Order Information

AW-BS610	VIA Eden™ 400MHz CPU SOM-ETX with VGA/LCD/LVDS, LAN, TV-Out & Audio
AW-BP100	5.25" disk-size ETX base board with VGA/LVDS/LCD, LAN, CardBus, TV-Out, Audio & SSD