SBC81610VEE

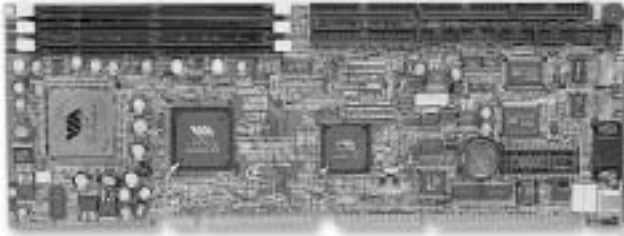## Low-power VIA C3 SBC with VGA/Dual LAN

FEATURES

- ▶ **VIA VT8601T/686B chipset supports FSB 100/133MHz**
- ▶ **Onboard VIA C3 800MHz/1GHz processor**
- ▶ **Three DIMM sockets support up to 1.5GB SDRAM**
- ▶ **Integrated VGA with UMA 2~8MB video memory**
- ▶ **Onboard dual 10/100BASE-T**
- ▶ **Wake On LAN support**
- ▶ **ISA high drive support**
- ▶ **Onboard DiskOnChip® socket**

SPECIFICATIONS

Processor/Cache	Onboard low-power VIA C3 800MHz/1GHz with L2 cache integrated in CPU
Chipset	VIA VT8601T/686B chipset
System Memory	Three DIMM sockets for up to 1.5GB of SDRAM with ECC support
BIOS	Award 2Mbit PnP Flash BIOS
EIDE	Two independent channels for a total of four IDE devices; ATA-33/66/100 support
Super I/O	Controller: Integrated in VIA686B (South Bridge)
	Serial port: two asynchronous, 1 x RS-232/1 x RS-232/422/485, 10-pin
	Parallel port: one bi-directional with ECP/EPP/SPP support, 26-pin
	Floppy controller: support for two drives (1.44MB for each)
	Keyboard/mouse: 6-pin Mini-DIN connector for mouse or keyboard
	One internal 5-pin box-header for mouse
	One internal 5-pin box-header for keyboard
USB	Two USB ports
IrDA	One IrDA pin-header for wireless communications
VGA	Controller: Integrated in VT8601T for CRT display
	Max. resolution: CRT up to 1600x1200 @ 256 colors
	Graphic memory: onboard 2~8MB SDRAM via UMA
LAN	Controller: Dual Realtek 8139C/C+
	Supports 10/100BASE-T, RJ-45 output
	Wake On LAN support
Connectors	D-type: CRT (female DB-15); 2 x LAN (RJ-45); PS/2 mouse and PS/2 keyboard
	Pin-header: USB (2 x 5-pin); serial port (2 x 10-pin); parallel port (1 x 26-pin); FDD (1 x 34-pin);
	EIDE (2 x 40-pin); PS/2 mouse (1 x 5-pin); PS/2 keyboard (1 x 5-pin); power supply (1 x 2-pin)
SSD	Onboard DiskOnChip® socket
Hardware Monitoring	Detection of CPU temperature, CPU board temperature, Power failure and Fan failure
	Controller integrated in VIA VT82C686B
Watchdog Timer	System reset or non-maskable interrupt software programmable time interval and jumper selectable (64-level)
Other Features	ISA drive up to 64mA
OS Compatibility	PC and MS-DOS™; Windows® 98; Windows® NT 4.0; Windows® 2000; Windows® XP;Novell Netware; Linux Red Hat; Salaris UNIX
MTBF	GEM reports at least 50,000 hours
Mechanical	338 x 122mm (13.3" x 4.8")
	Conforms to PCI Rev. 2.1 and PICMG Rev.2.0 standard
Environmental	Operating temperature: 0˚C to 60˚C (32˚F to 140˚F); storage temperature: -10˚C to +80˚C (14˚F to 176˚F)
	Relative humidity: 95%, non-condensing at temperature of 40˚ C or 104˚F

ORDERING INFORMATION

Models Names	HISA	VGA	SCSI	LAN
SBC81610VEE	V	V	X	Dual
SBC81610VE	V	V	X	Single
SBC81610V	V	V	X	X
SBC81610VEE-1G (with MOQ restriction)	V	V	X	Dual
SBC81610VE-1G (with MOQ restriction)	V	V	X	Single
SBC81610V-1G (with MOQ restriction)	V	V	X	x

PACKING LIST

3.5" FDD cable x 1
3.5" HDD cable x 1
COM, printer extension cable with bracket x 1
PS/2 keyboard/mouse adapter x 1
Jumper pack x 1
Quick manual x 1
Utility CD x 1

ACCESSORY OPTIONS

USB cable