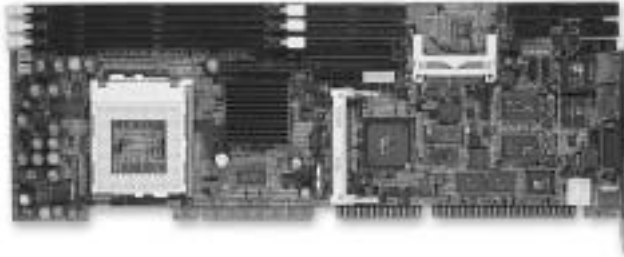


# SBC81613VGE

Socket 370 Pentium® III/Celeron® (Tualatin®) SBC with SDRAM/CRT/LCD/Dual LAN



## FEATURES

- ▶ VIA VT8606 (Twister-T) chipset, supports FSB133MHz
- ▶ Three 168-pin DIMM socket support up to 1.5GB SDRAM
- ▶ Support Two ATA-100 channels for a total of four IDE devices
- ▶ Onboard S3 Tualatin AGP-4x built-in VT8606 via UMA architecture max. up to 32MB, support TFT or LVDS interface
- ▶ Onboard Dual LAN, support one 10/100Mbps and one Gigabit
- ▶ Wake on LAN support; ISA high drive support
- ▶ CF support
- ▶ AC'97 Audio support

## SPECIFICATIONS

<b>Processor/Cache</b>	Intel® Pentium® III processors up-to-date frequency with L2 cache integrated in CPU Intel® Celeron® processors up-to-date frequency with L2 cache integrated in CPU
<b>Chipset</b>	VIA VT8606 (Twister-T)
<b>System Memory</b>	Three 168-pin SDRAM DIMM socket support max up to 1.5GB SDRAM
<b>BIOS</b>	Award 4Mbit PnP Flash BIOS
<b>EIDE</b>	Two ATA-100 Channels for a total of four IDE devices
<b>USB</b>	Four USB ports (1.1)
<b>VGA</b>	S3 Savage4 AGP-4x built in VT8606 VIA UMA Architecture Max. up to 32MB
<b>Support CRT/LCD</b>	Max. Resolution- Max. up to 1920 x 1440
<b>LAN</b>	The LAN1 is Realtek 8100C (10/100Mbps, 128-pin) The LAN2 is Realtek 8110S(32-bit Gigabit, 128-pin) This location also can deploy with Realtek 8100C(128-pin) Wake On LAN support
<b>Connectors</b>	Mini-DIN: 1 x PS/2 Mouse and PS/2 Keyboard Mini-PCI: 1 x Mini-PCI connector Compact Flash: 1 x Compact Flash connector RJ-45: 2-port for V2E Box-header: 2 x Serial Port (2 x 5-pin); 1 x FDD(2 x17-pin) 2 x EIDE(2 x 20-pin); 1 x Parallel Port(2 x 13-pin) 1 x LVDS(2 x 44-pin); 1 x Audio(2 x 5-pin) Pin-header : 4 x USB(4 x 5-pin) Wafer: 1 x Keyboard(1 x 5-pin); 1 x Mouse(1 x 5-pin) Power Connector: 1 x (6-pin) wafer for 5Vsb, 1 x CRT D-sub
<b>Audio</b>	VIA 1612 Audio codec
<b>Watchdog Timer</b>	System reset or non-maskable interrupt software programmable time interval and jumper selectable(64-level)
<b>Other Features</b>	Keyboard Wake-up via ATX power supply
<b>OS Compatibility</b>	PC and MS-DOS; Windows 98; Windows NT 4.0, Windows 2000, Windows XP; Novell Netware; Linux Red Hat
<b>Mechanical</b>	338 x 122mm(13.3" x 4.8") 6 Layer PCB Conforms to PICMG Rev.2.0 standard (support 64-bit backplane)
<b>Environmental</b>	Operating Temperature: 0°C to 60°C(32° to 140°F) Relative Humidity: 95%, non-condensing at temperature of 40°C or 104°F

## ORDERING INFORMATION

Models Names	HISA	VGA	SCSI	USB	Audio	Mini PCI	CF	Watchdog Timer	RS422/485	Buzzer	RAM DIMM	LAN
SBC81613V2E	√	√ (LVDS)	Option	4	√	√	√	√	√	√	3	2 x 10/100Mbps
SBC81613VE	√	√ (LVDS)	Option	4	√	√	√	√	√	√	3	1 x 10/100Mbps
SBC81613VEC	√	√ (LVDS)	x	2	x	x	x	x	x	x	2	1 x 10/100Mbps
SBC81613V	√	√ (LVDS)	Option	4	√	√	√	√	√	√	3	x
SBC81613VGE	√	√ (LVDS)	Option	4	√	√	√	√	√	√	3	1 x Gigabit & 1 x 10/100Mbps

## PACKING LIST

3.5" FDD cable x 1
3.5" HDD cable x 1
COM, printer extension cable with bracket x1
PS/2 keyboard/mouse adapter x1
Jumper pack x1
Quick Manual x1
Utility CD x1

## ACCESSORY OPTIONS

USB Cable
AX8930 mini PCI Ultra 160 SCSI module
AX8931A mini PCI IDE controller module
AX89330 mini PCI Gigabit Ethernet module
AX89331 mini PCI fast Ethernet module
AX92210 mini PCI IEEE 1394 module
AX92500 mini PCI network DES module