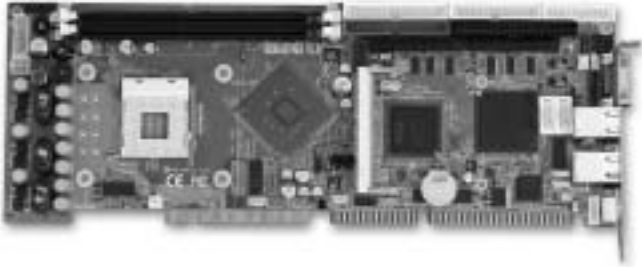


# SBC81827VGES

Full size Socket 478 Intel Pentium 4 DDR CPU Card w/ VGA/Giga LAN/SCSI

**NEW!**



## FEATURES

- ▶ Socket 478 for Intel® Pentium 4 processor supports Intel Hyper-Threading Technology
- ▶ Two 184-pin DDR DIMM sockets supports up to 2GB
- ▶ Supports VGA with Intel 82865G controller
- ▶ Onboard dual LAN (one Gigabit Ethernet)
- ▶ Supports optional dual channel Ultra-320 SCSI
- ▶ Two serial ATA connectors
- ▶ CompactFlash™ Type-II socket

## SPECIFICATIONS

<b>Processor/Cache</b>	Intel® Pentium® 4/ Celeron™ processors at 400/533/800 MHz FSB (100/133/200MHz x 4) Supports Intel Hyper-Threading Technology
<b>Chipset</b>	Intel® 82865G and 82801EB ICH5
<b>System Memory</b>	Two 184-pin DDR DIMMs sockets support max. up to 2GB
<b>BIOS</b>	Phoenix-Award 2Mb PnP flash BIOS
<b>EIDE</b>	Two ATA-100 channels for a total of four IDE devices
<b>Supper I/O</b>	Controller: Intel® 82801EB ICH5 and Winbond W83627HF-AW LPC Serial Ports: Two RS-232 serial ports Parallel Port: One bi-direction parallel port with SPP/ECP/EPP mode Floppy Controller: Support for two drives Keyboard/Mouse: PS/2 keyboard and mouse ports, AT keyboard port
<b>USB</b>	Four USB ports (2.0)
<b>IrDA</b>	One IrDA compliant Infrared interface supports SIR
<b>VGA</b>	Intel® 865G GMCH built-in Intel Extreme Graphic 2 Intel® Dynamic Video Memory with auto detect video memory up to 64 MB shared with system memory
<b>LAN</b>	LAN1: Intel® 865G with Intel 82547EI CSA support 10/100/1000Base-T LAN2: Intel® ICH5 with 82562ET PHY support 10/100Base-T
<b>SCSI</b>	Optional dual channel Ultra-320 SCSI adapter, supports up to 15 SCSI devices each channel
<b>Audio</b>	Intel® ICH5 built-in AC'97 3D audio controller with codec (Line-in, Line-out, CD-in, Mic-in)
<b>SSD</b>	DiskOnModule support CompactFlash Type-II socket
<b>Watchdog Timer</b>	System reset programmable watchdog timer with 1 to 255 sec./min. of time out value
<b>Other Features</b>	Serial ATA: Two serial ATA connectors, data transfer rate up to 150MB/s ISA High Drive: ISA 64mA high drive capacity with TI 245 buffer on both of ISA address and data bus Mini AGP Port: Provide the capable of driving an ADD card to support LVDS/TMDS/TV/HDTV devices Provide the capable of driving Mini AGP card to support AGP 8X/4X graphic card
<b>Mechanical</b>	338 x 122mm (13.3" x 4.8") compliant to PICMG erv.2.0 standard
<b>Environmental</b>	+5V, +12V DC input from PICMG backplane Operating temperature: 0°C ~ 50°C (32°F ~ 122°F) Storage temperature: -20°C ~ 85°C (-4°F ~ 185°F)

## ORDERING INFORMATION

Models Names	HISA	VGA	SCSI	LAN
SBC81827VG	V	V	X	1x Gigabit
SBC81827VGE	V	V	X	1 x Gigabit & 1 x 10/100Mbps
SBC81827VGS	V	V	V	1x Gigabit
SBC81827VGES	V	V	V	1 x Gigabit & 10/100Mbps

## ACCESSORY OPTIONS

ATI M10 AGP 8X Mobile graphic processing module
DVI processor module
LVDS & TV-out processor module
SDTV & HDTV processor module

## PACKING LIST

34-pin FDD cable x 1
COM/LPT port DB9/DB25 cable x 1 (VL only)
Two COM ports DB9 cable x 1 (VL2/VL2S only)
LPT port DB25 cable x 1 (VL2/VL2S only)
PS/2 keyboard and mouse cable x 1
Dual-USB port cable with bracket x 2
40-pin UltraATA/100 IDE cable x 2
Serial ATA cable x 1
3-pin to 4-pin ATX cable x 1
Audio cable x 1
1pc user manual x 1
1pc driver CD x 1