SBC81826VE

Socket 478 Intel® Pentium® 4/Celeron® with DDR/VGA/Giga LAN

FEATURES

- Intel® 865GV chipset supports FSB up to 400/533/800MHz
- Intel® Pentium® / Celeron® 4 processor supported
- Two-184pin DIMM sockets support up to 2GB
- Intel® 865G/GV integrated video function
- Intel® 82547GI, 10/100/1000 Base-Tx Ethernet
- Optional AC97audio codec
- Two serial ATA ports support data transfer rates up to 150MB/s

Processor/Cache	-Intel® Pentium® 4/ Celeron® processor at 400/533/800MHz FSB -Supports Intel® Hyper-Threading technology
Chipset	Intel® 865G + 82801
System Memory	Two 184-pin DIMMS socket max. up to 2GB of PC266/333/400 DDR SDRAM
BIOS	Award plug & play BIOS
EIDE	-Two EIDE channels for PIO mode, DMA mode; supports four ultra ATA/100 IDE devices
Bracket I/O Connectors	-D-Sub serial port(COM1) -Single RJ-45 connector -15-pins D-Sub VGA connector -PS/2 style mouse or keyboard connector
Multi I/O	Onboard Winbond W83627HF chip Support: -1 x IrDA by 5-pin pin-header -1 x floppy interface -1 x SPP/EPP/ECP parallel port by in-header -2 x COM ports for RS-232
USB	Four USB 2.0 ports
IrDA	One IrDA pin header for wireless communications
VGA	Intel® 865G Integrated graphic functionOn-board integrated VGA
LAN	Controller: Intel® 82547GI Gigabit Ethernet controller for 10/100/1000 Base-T
Connectors	-RJ-45: 1port -Serial ATA port:2 ports -Mini DIN: 1 x PS/2 mouse and PS/2 keyboard -Pin-header: 4 x USB (2 x 9-pin) -Box-header: Serial port(2 x 10-pin) Parallel port(1 x 26-pin), FDD(1 x 34-pin), EIDE(2 X 40-pin), PS/2 keyboard(1 x 5-pin); -Power connector: 5Vsb ATX power connector (1 x 4-pin)
Hardware Monitoring	Winbond W83627HF chip; Monitoring for CPU and system temperature, voltages and fan speed
Watchdog Timer	256 Levels watchdog Timer selectable with Reset/NMI
Other Features	ITE 8888F PCI-ISA bridge for ISA expansion
OS Compatibility	MS-DOS V6.22; Windows® 98SE; Windows® 2000 Professional; Windows® ME; Windows® XP Professional; Linux Redhat V9.0
Mechanical	338 x 122mm(13.3" x 4.8"); Conforms to PCI Rev. 2.1 and PICMG Rev. 2.0 standards
Environmental	Operating temperature: 0°C to 60°C (32°F to 140°F); Storage temperature: -20°C to 80°C (-68°F to 176°F) Relative humidity: 10% to 90% (non-condensing)
Certification	CE, FCC approval

*Note on the CPU Fan-Cooler: The position of retention module on SBC81826 is closer to the edge of PCB than usual, and Intel's standard CPU fan-cooler may have interference with slot on the backplane. Slim or short type of CPU fan-cooler with shorter clip is suggested.

PACKING LIST

FDD cable x 1
Ultra ATA 66/100 HDD cable x 1
Printer + COM cable x 1
Y cable for PS/2 mouse & Keyboard x 1
Dual-USB port cable with bracket x 1
ATX power control cable x 1(4pin to 6-pin)
Serial ATA cable x 1
Quick Manual x 1
Utility CD x 1

ORDERING INFORMATION

Model Names	HISA	VGA	SCSI	LAN
SBC81826VG	X	V	X	1x Gigabit

OPTIONAL ACCESSORIES

Audio card
Audio cable
P4 CPU fan-cooler with shorten clip

* All specifications are subject to change without notice.

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