

SBC81868VE

PICMG Socket 478 Pentium® 4/ Celeron™ SBC with VGA/ LAN

FEATURES

- Intel 845GV supports FSB533Mhz
- Two DIMM sockets support up to 2GB DDR memory
- On-board VGA function
- On-board 10/100MB Ethernet
- Supports two USB 2.0 ports



SPECIFICATIONS

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|---------------------|---|
| CPU | Supports Intel Pentium 4/ Celeron socket 478 processor |
| Chipset | Intel 845GV/GL + ICH4 |
| System Memory | Two 184-pin DDR DIMMs sockets support max. up to 2GB memory |
| BIOS | Licensed advanced AWARD BIOS, supports flash ROM with 2/4MB memory size, plug and play ready, supports IDE CD-ROM or SCSI boot up |
| EIDE | Two ATA (100/66/33) channels for a total of four IDE devices |
| Super I/O | Controller: Winbond W83627HF Serial port: two high-speed 16550 fast compatible ports w/ COM1 as RS-232 and COM2 jumper setting as RS-232/422/485 Parallel port: one parallel port supports SPP/EPP/ECP mode Floppy controller: one floppy port supports up to two 3.5" or 5.25" floppy drives Keyboard/mouse: PS/2 keyboard/mouse connector |
| USB | Two USB 2.0 ports supported |
| VGA | 845GV chipset internal VGA integrated 2D/3D graphics accelerator |
| LAN | On-board Intel 82562 10/100M Ethernet interface (optional Intel 82559) |
| SSD | DiskOnModule support |
| Hardware Monitoring | Controller: Winbond W83627HF, detection of CPU temperature, system temperature, power failure and fan speed |
| Watchdog Timer | System reset or non-maskable interrupt software programmable time internal and jumper selectable |
| OS Compatibility | PC and MS-DOS; Windows98, Windows 2000, Windows XP, Windows ME |
| Mechanical | 338mm x 122mm (13.3" x 4.8") Compliant to PICMG rev. 2.0 standard |
| Environmental | Operating temperature: 0 °C to 60 °C (32 °F to 122 °F) Storage temperature: -20 °C to 80 °C (14 °F to 176 °F) Relative humidity: 95%, non-condensing at temperature of 40 °C or 104 °F |

ORDERING INFORMATION

| | |
|-------------------|---|
| SBC81868VE | Socket 478 Pentium 4 Celeron SBC with VGA/LAN |
| SBC81868V | Socket 478 Pentium 4 Celeron SBC with VGA |

PACKING LIST

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|--------------------------------------|
| Utility CD |
| User's manual |
| IDE ribbon cable |
| Floppy ribbon cable |
| Cable Print & COM with bracket |
| Cable 1 to 2 for PS/2 keyboard/Mouse |
| Cable 6-pin for Power |

ACCESSORY OPTIONS

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|---------------------------------------|
| Cable with bracket for USB connectors |
| I/O shield |