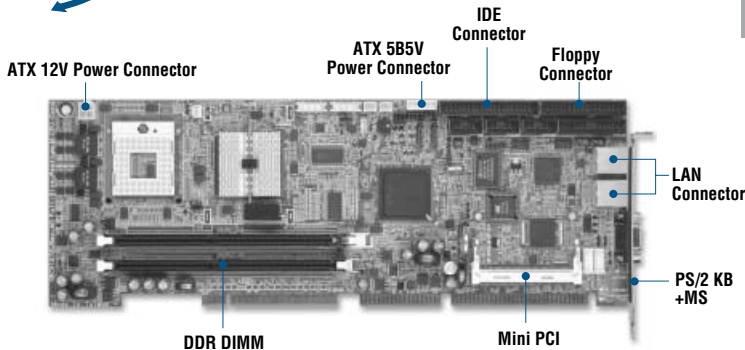


SBC81872VGEL

Intel® Pentium® M PICMG SBC w/ PCI-Express



Features

- ▶ Intel® Pentium® M Dothan CPU supports FSB 533MHz
- ▶ Two 184-pin DDR DIMM sockets support max. up to 2GB memory
- ▶ Intel® 915 GM integrates VGA function and supports LVDS LCD
- ▶ Two Serial ATA connectors
- ▶ Supports Mini PCI socket
- ▶ AC'97 codec

Specifications

Processor/Cache (PGA478)	Intel® Dothan Pentium® M FSB 533MHz(L2 cache 2MB)
Chipset	Intel® 915GM and 82801FBM(IH6M)
System Memory	* Two 184-pin DDR DIMM sockets support max. up to 2GB unbuffer none-ECC memory * Supports dual segments and none-ECC memory
BIOS	Award 4Mbit PnP Flash BIOS
EIDE	One ATA-100 channel
Serial ATA Super I/O	Two Serial ATA channels * Controller : Winbond W83627HF * Detection of CPU temperature, system temperature, power failure and fan speed
USB	Two USB ports (2.0)
VGA	Intel® 915GM Integrated graphics function and support LVDS LCD
Audio	AC97 codec
LAN	* LAN1 and LAN2 are with Broadcom BCM5721 (Transaction bus thru one "PCI-Express" interface). * LAN chip is replaceable with RTL8110S (PCI 32bit/33MHz) Gigabit LAN or RTL8100C (PCI 32bit/33MHz) Fast Ethernet * Teaming feature support: Fail over, Load sharing and Load balancing. (with Boardcom LAN chip only) * Wake on LAN support
Connectors	* RJ-45 : 2 Ports * Serial ATA : 2 Ports * Mini-DIN : 1 x PS/2 mouse and keyboard * Box-header : 2 x Serial ports (2 x 5-pin); 1 x FDD (2 x 17-pin); 1 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 : 2x USB (1 x 5-pin) * Power connector: 1 x ACPI(6 pin) and 1x(2x2 pin) ATX12V for CPU.
Watchdog Timer	System resets during timeout at an interval of 255 steps.
Other Features	* Keyboard wake-up via ATX power supply * Onboard Mini PCI socket for feature expansions * Compatible with all AXIOMTEK backplanes except for ISA expansions thru PCI / ISA Bridge
OS Compatibility	PC and MS-DOS™ ; Windows® NT 4.0, Windows® 2000, Windows® XP; Linux Red Hat, Windows® 98
Mechanical	338 x 122mm (13.3" x 4.8") 8-Layer PCB, Single-component, Compliant to PICMG Rev.2.0 standard
Environmental	Operating temperature: 0°C to 50°C (32° to 122°F) Relative humidity: 95%, Non-condensing at temperature of 40°C or 104°F

Ordering Information

Models Names	VGA	SCSI	LAN
SBC81872VEL	V	V	1x10/100M bps
SBC81872VGEL	V	V	1xGigabit & 1x10/100M bps
SBC81872VL	V	V	Audio cable

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
Serial ATA cable x 1
Quick manual x 1
Utility CD x 1