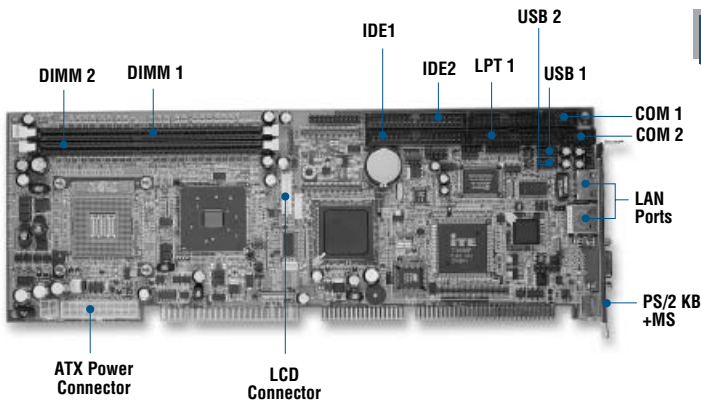


SBC81870VGE

Intel® Pentium® M SBC with VGA/Dual LAN/Audio



Features

- ▶ Intel® Pentium® M Processor Supports FSB up to 400 MHz
- ▶ 2 x 184-pin DDR DIMM sockets support up to 2GB DDR Memory
- ▶ Built-in Intel® 855GME, supports CRT, LVDS LCD.
- ▶ Onboard Dual LAN, supports one 10/100Mbps and one Giga
- ▶ AC '97 Codec
- ▶ CF supported

Specifications

Processor/Cache	Intel® Pentium® M processors up-to-date frequency with L2 cache integrated in CPU up to 1.8GHz & latest
Chipset	Intel® 855GME Chipset with ICH4, FWH
System Memory	Two 184-pin DDR DIMMs socket s support max up to 2GB
BIOS	Award 4Mbit PnP Flash BIOS
EIDE	Two IDE ports, support up to four IDE devices; Support Ultra DMA33/66/100/133
Super I/O	<ul style="list-style-type: none"> * Controller: Winbond W83627HF * Serial port: 2 x 16550 UART , COM2 for RS-232/422/485 * Parallel port: 1 x parallel(SPP/EPP/ECP) * Floppy controller: support for 1 drive * Keyboard: Mini DIN connector & external connector * Mouse: Mini DIN connector(Selectable w/ KB/ Y-cable)
USB	Four USB ports (2.0)
VGA	Built in Intel® 855GME, support CRT, DVO, LVDS, LCD
LAN	<ul style="list-style-type: none"> * LAN1: Intel® 82562EM PHY, 10/100 Mbps Ethernet * LAN2: Intel® 10/100/1000Mbps LAN * Dual ports support Wake-On-Lan
Connectors	<ul style="list-style-type: none"> * Mini-DIN: 1 x PS/2 Mouse and PS/2 Keyboard * Box-header: CRT(1 x 15pin); Serial port(2 x 5-pin); parallel port(1 x 26-pin); FDD(1 x 34-pin); EIDE(2 x 40-pin); 1 x Audio port(2 x 5-pin); LCD(1 x 41-pin); PCI(1 x 60-pin), Power Supply(1 x 20pin) * 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: ATX SB5V power connector(1x 3-pin)
Hardware Monitoring	<ul style="list-style-type: none"> * Controller: Winbond W83627HF * Detection of CPU temperature, system temperature, power failure and fan speed
Watchdog Timer	16 Level Watchdog Timer selectable with Reset /NMI
Other Features	ITE 8888F PCI/ISA bridge for ISA expansion solutions
OS Compatibility	MS-DOS™; Windows® 98; Windows® 2000, Windows® XP; Linux Red Hat
Mechanical	338 x 122mm (13.3" x 4.8") Compliant to PICMG Rev.2.0 standards
Environmental	Operating temperature: 0°C to 60°C(32°F to 140°F) Relative humidity: 20-90%, non-condensing at temperature of 40°C to 85°C

Ordering Information

Model	HISA	VGA	SCSI	LAN
SBC81870VGE	V	V	X	1 x 10/100Mbps, 1 x Gigabit

Optional Accessory

USB cable

Packing List

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