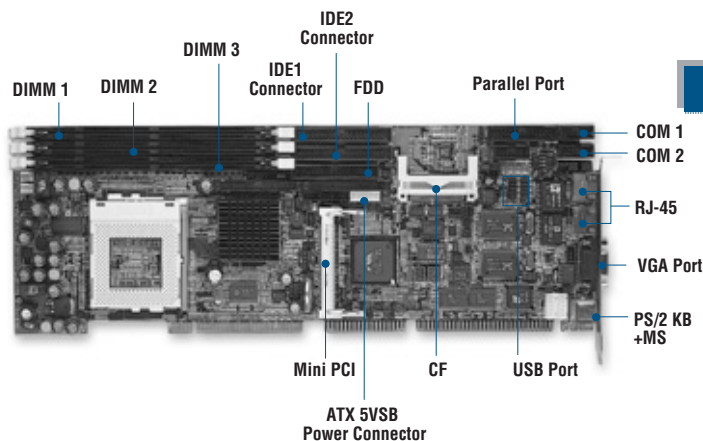


SBC81613

Socket 370 Intel® Pentium® III/Celeron® PICMG 1.0 Full-size SBC
with CRT/LCD/LAN

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Industrial PCs



Features

- ▶ Socket 370 for Intel® Pentium® III /Celeron® Desktop processor with FSB 133MHz
- ▶ Three PC133 SDRAM DIMM sockets onboard support up to 1.5GB memory capacity
- ▶ Onboard dual LAN 10/100Mbps
- ▶ CompactFlash™ support
- ▶ Mini-PCI socket onboard
- ▶ Built-in Audio Codec onboard

Specifications

Processor/Cache (Socket 370)	Intel® Pentium® III processor up-to-date frequency with L2 cache integrated in CPU Intel® Celeron® processors up to up-to-date frequency with L2 cache integrated in CPU
Chipset	VIA VT8606(Twister-T)+VIA686B
FSB Speed	133MHz
Form Factor	PICMG 1.0 full-size SBC
System Memory	Three PC133 SDRAM DIMM support the maximum memory capacity up to 1.5GB
BIOS	Award 4Mbit PnP Flash BIOS
EIDE	Two ATA66/100/133 channels for a total of four IDE devices
Super I/O	Controller: Winbond 83627 Serial port: 1 x RS-232 port/1 x RS-232/422/485 port Parallel port: One bi-directional with ECP/EPP/SPP support (by pin-header) Floppy controller: Supports two drives (1.44MB for each) Keyboard/Mouse: 6-pin Mini-Din connector for keyboard or mouse
USB	4 USB ports (1.1)
Display	S3 Savage4 AGP4x built-in VT8606
SSD	CompactFlash™ onboard
Ethernet	LAN1/LAN2: Realtek 8110C Ethernet controller supports 10/100Mb (for SBC81613VEE only) LAN1: Realtek 8111S Ethernet controller supports 10/100Mb (for SBC81613VEE only) Wake On LAN support
Connectors	RJ-45 connector: 2 ports for SBC81613VEE/1 port for SBC81613VE Mini-Din connector for PS/2 mouse and keyboard Mini-PCI connector for Mini-PCI devices Box-header: 2 x serial port (2 x 5-pin); 1 x parallel port (2 x 13-pin) 1 x FDD (2 x 17-pin); 2 x EIDE (2 x 20-pin); 1 x 6-pin ACPI connector; Keyboard/Mouse: 5-pin wafer connector x 2 for mouse or keyboard
Audio	VIA 1612A audio codec
Hardware Monitoring	Controller: Winbond 83627HG-AW Detection of CPU temperature, system temperature, power failure and fan speed
Other Features	Built-in ITE8888F for ISA devices
Watchdog Timer	System reset or non-maskable interrupt software programmable time interval and jumper selectable (64 level)
OS Compatibility	Windows® 2000, Windows® XP, Novell Netware, Linux Red Hat
Mechanical	338.2 x 142.3mm 6 layer PCB
Environmental	Operating Temperature: 0° ~60°C (32° ~140°F) Relative Humidity: 95%, non-condensing at temperature of 40°C or 104°F

Ordering Information

Models	Description
SBC81613VEE	Socket 370 Intel® Pentium® III/Celeron® PICMG 1.0 full-size SBC w/ VGA, audio, dual Ethernet LAN
SBC81613VE	Socket 370 Intel® Pentium® III/Celeron® PICMG 1.0 full-size SBC w/ VGA, audio, Ethernet LAN

Packing List

Description
FDD cable x 1
Ultra ATA66/100 HDD cable x 1
Printer port cable x 1
COM port cabl1 x 1
Y cable for PS/2 keyboard/mouse x 1
Jumper pack x 1
Quick manual x 1
Utility CD x 1

Industrial Motherboards

PICMG Single Board Computers

Backplanes

Industrial Computer Chassis

Power Supplies

Rackmount Peripherals & Accessories