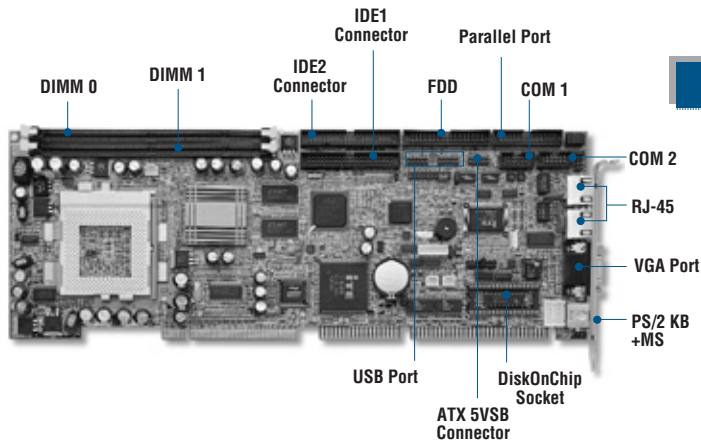


# SBC8168

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



## Features

- ▶ Socket 370 for Intel® Pentium® III /Celeron® desktop processor with FSB 133MHz
- ▶ Two PC133 SDRAM DIMM support up to 512MB memory capacity
- ▶ Onboard dual LAN 10/100Mbps

## Specifications

Processor/Cache (Socket 370)	Intel® Pentium® III processor up-to-date frequency with L2 cache integrated in CPU Intel® Celeron® processor up to up-to-date frequency with L2 cache integrated in CPU
Chipset	Intel® 815E+ICH2
FSB Speed	133MHz
Form Factor	PICMG 1.0 full-size SBC
System Memory	Two PC133 SDRAM DIMM support the maximum memory capacity up to 512MB
BIOS	Award 4Mbit PnP Flash BIOS
EIDE	Two ATA66/100/133 channels for a total of four IDE devices
Super I/O	Controller: ITE8712 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 mouse or keyboard 4 USB ports (1.1)
USB	
Display	Integrated on Intel® 815E (for CRT only)
SSD	DiskOnChip® support
Ethernet	LAN1/LAN2: Intel® 82551QM/Intel® 82562ET Ethernet controllers support 10/100Mb (for SBC8168VEE only) LAN1: Intel® 82562ET Ethernet controller supports 10/100Mb (for SBC8168VEE only) Wake On LAN support
Connectors	RJ-45 connector: 2 ports for SBC8168VEE/1 port for SBC8168VE Mini-Din connector for PS/2 keyboard and mouse 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 Fan connector x 3 (for CPU/system/chassis)
Hardware Monitoring	Controller: ITE8712F Detection of CPU temperature, system temperature, power failure and fan speed
Other Feature	Built-in ITE8888F for ISA devices
Watchdog Timer	System reset or non-maskable interrupt software programmable time internal and jumper selectable (64 level)
OS Compatibility	Windows® 2000, Windows® XP, Novell Netware, Linux Red Hat
Mechanical	338 x 122mm 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
SBC8168VEE	Socket 370 Intel® Pentium® III/Celeron® PICMG 1.0 full-size SBC w/ VGA, audio, dual Ethernet LAN
SBC8168VE	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 cable x 1
Y cable for PS/2 keyboard/mouse x 1
Jumper pack x 1
Quick manual x 1
Utility CD x 1