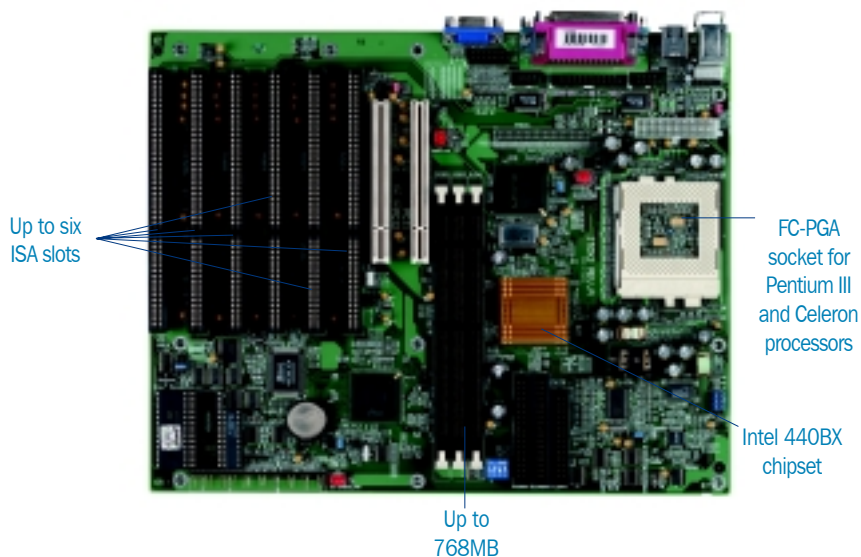




Features

- Intel Pentium III FCPGA processors up to 800MHz or Celeron processors up to 566MHz
- ATX form factor
- Intel 440BX chipset
- 3 DIMM sockets support up to 768MB SDRAM
- Seven expansion slots support up to six full length ISA slots
- Intel 69000 video controller on-board
- Watchdog timer
- Designed for long-life

Support

- Superior pre-sales and post-sales technical support
- All ICS Advent products carry a two year warranty



www.icsadvent.com
800-523-2320

* Intel is a registered trademark of Intel Corporation.
* Celeron is a trademark of Intel Corporation.
* Other brands and names are the property of their respective owners.

Processor Support

Intel Pentium III processor (FC-PGA)
Intel® Celeron™ processor

Processor Socket

Socket 370
Equipped with a switching voltage regulator that automatically detects required processor voltage (1.30V to 2.05V)

Chipset

Intel 440BX AGP chipset
66 and 100MHz bus speed

Cache

Celeron: 128kB on processor module
Pentium III: 256kB on processor module

Memory

16MB to 384MB memory using unbuffered DIMMs
32MB to 768MB memory using registered DIMMs
Three 168-pin DIMM sockets using x64 or 72 PC SDRAM 3.3V
PC-66 SDRAM DIMM for 66MHz FSB processors
PC-100 SDRAM DIMM for 100MHz FSB processors
ECC supported (uses x72 PC SDRAM DIMM)

Expansion Slots (5-1-1)

5 dedicated 16-bit ISA slots
1 shared PCI/ISA slot
1 dedicated PCI slot

Onboard VGA Graphics Accelerator

Intel 69000 video controller
MB SDRAM Video memory
Resolution up to 1280 x 1024 DVD-CD-ROM

Integrated I/O

Two NS 16C550A-compatible high speed UARTs
One SPP/ECP/EPP parallel port
IrDA interface
Two USB ports
Supports 360k/720k/1.22M/1.44M/2.88MB, LS-120MB floppy drive

PCI IDE Interface

Supports ATA/33 and ATA/66 hard drives (33MB/sec)
PIO Mode 3 and Mode 4 Enhanced IDE (data transfer rate up to 16.6MB/sec.)
Supports ATAPI CD-ROM, LS-120, ZIP and DVD-CD-ROM
supports sequential boot-up

Connectors

2 external connectors USB (Universal Serial Bus) ports**
1 connector for IrDA interface
2 DB-9 serial ports**
1 DB-25 parallel port**
2 IDE connectors
1 floppy connector

1 mini-DIN-6 PS/2 1 mini-DIN-6 PS/2 mouse port**
1 20-pin ATX power supply connector
1 Wake-On-LAN connector
1 SB-LINK connector
3 fan connectors for CPU, chassis and AGP fans
**Internal connector also provided

Watchdog Timer

8-step counter (0.5/1/2/4/8/16/32/64 sec.) controlled by the BIOS

Damage Free Intelligence

Monitors processor/system temperature and processor overheat alarm
Monitors 1.5V/3.3V/±5V/±12Vsb voltages and failure alarm
Monitors processor/system fan speed and failure alarm
Automatic processor fan control to save energy, prevent system overheat and prolong fan life
Read back capability that displays temperature, voltage and fan speed

Energy Efficient Design

Energy Star qualified
Wake-on-Events included(with ATX power supply only):
RTC timer to power-on the system
Modem ring-on
Wake-On-LAN
Wake-On-Keyboard/Wake-On-Mouse
System power management supported
CPU stopped clock control
Hardware supports SMI green mode
Microsoft®/Intel® APM 1.2 compliant
Soft Power supported - ACPI v1.0b specification
AC power failure recovery

BIOS

Award BIOS, Windows® 95/98
Plug-n-Play compatible.
Flash EPROM for easy BIOS upgrades.
Supports DMI 2.0 function

Board Dimensions

4 layers, ATX form factor
12 x 9.6-inch
30.5cm x 24.4cm

Ordering Guide

MBATX-SBX6I-V

Pentium III/Celeron ISA motherboard

Intel
Applied
Computing
Platform
Provider



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