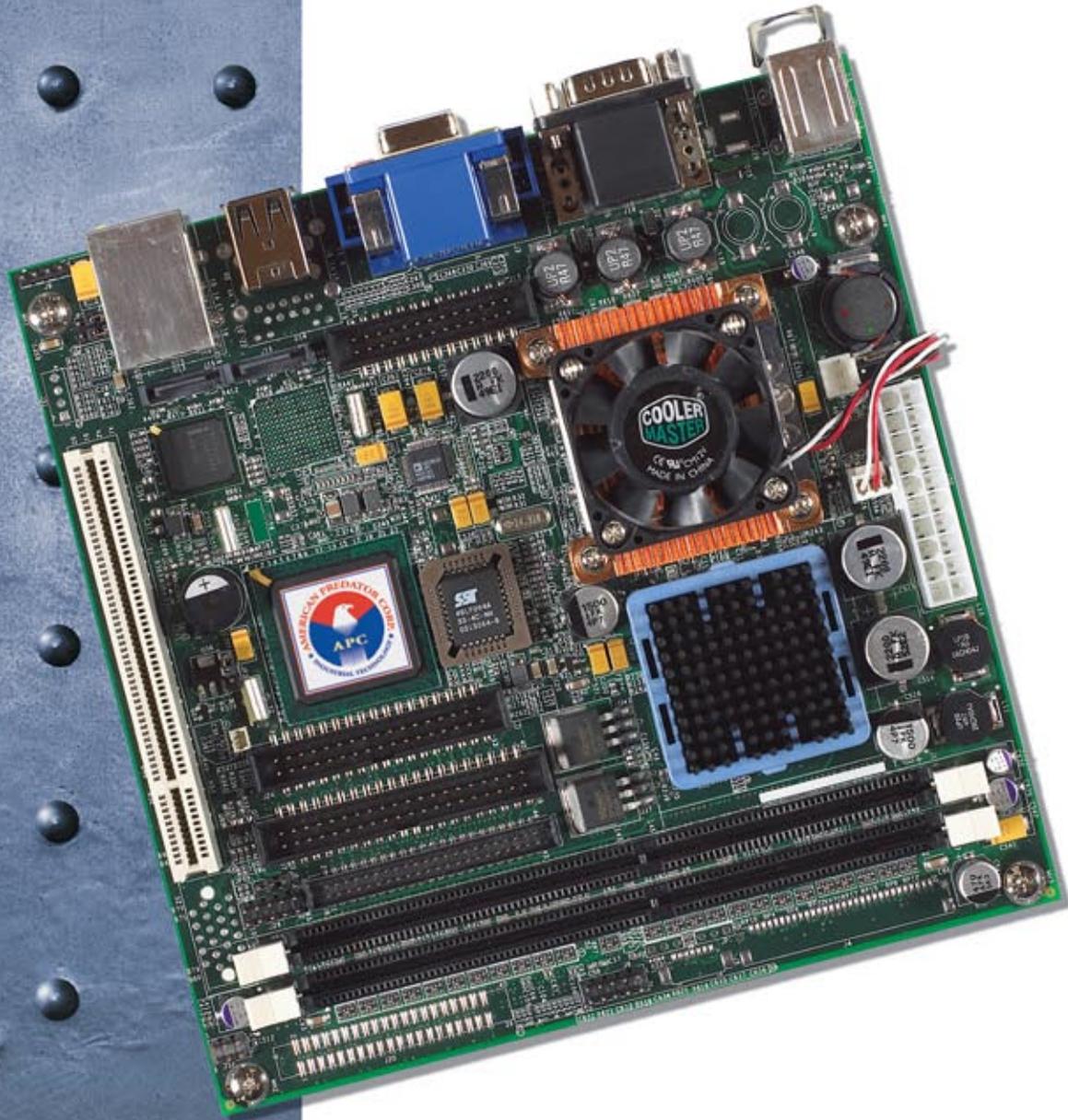


GATOR Mini-ITX™

Low-Power Mini-ITX Controller



- Small Form Factor (6.7"x6.7")
- Low Power
- Intel® Pentium® M/Celeron® M Processors
- Serial ATA (150MB/s)
- Built-in Intel® Extreme Graphics 2
- Five to Eight Year Availability



GATOR Mini-ITX™

Low-Power Mini-ITX Controller

The **Gator Mini-ITX™** is a low-power controller based on the ultra-compact Mini-ITX form factor. The Mini-ITX measures 6.7"x6.7", roughly 3" smaller in diameter than a MicroATX board, a perfect fit for small enclosures, thin clients and deeply embedded applications.

The Gator Mini-ITX supports **low-power Intel® Pentium® M and Celeron® M processors**. These mobile processors offer a higher performance-per-watt than a standard Intel® Pentium® 4 processor, and are cooled by a low-profile heatsink and fan. Space-saving features combined with the Gator Mini-ITX's power consciousness makes it the ideal platform for next generation embedded systems.

The **Intel® 855GME chipset** offers integrated Intel® Extreme Graphics 2 technology, LVDS with backlight support, Serial ATA for high-speed hard disk connectivity (150MB/s), AC'97 sound, and a host of standard I/O features. The chipset supports 400MHz front side bus, and allows up to 2GB of DDR 333/266 SDRAM. Ethernet options include 10/100 and 10/100/1000 ports.

Standard features include: One (1) 32-bit PCI slot for legacy devices (supports 2 devices via optional riser card), One (1) Mini-PCI slot, 40- and 44-pin PATA/100 EIDE connectors, RS232 serial port options available: two (2) or six (6) ports, six (6) USB 2.0 ports, one (1) parallel port, one (1) PS/2 mouse/keyboard connector and a floppy controller supporting up to two (2) floppy drives.

Our Commitment to Quality

All American Predator products are designed and manufactured in an ISO 9001:2000 environment and backed by a five (5) to eight (8) year production life cycle guarantee.



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Technical Specifications

Form Factor

Mini-ITX Form Factor (6.7"x 6.7")

Microprocessor

Supports low-power Intel® Pentium® M and Celeron® M processors (Socket 479)

Intel® Pentium® M processors: 1.8GHz, 1.6GHz
Intel® Celeron® M processors: 1.5GHz, 1.3GHz

Chipset

Intel® 855GME + ICH-4 south bridge

Front Side Bus

400MHz

System Bus

One (1) 32-bit PCI slot
(Supports two (2) devices via optional riser card)
One (1) Mini-PCI slot (PCI 2.2 33/32MHz connector Type III)

On board I/O

Two (2) Serial ATA connectors (150MB/s)
One (1) 40-pin PATA100 EIDE connector (supports two (2) devices)
One (1) 44-pin PATA100 EIDE connector (supports two (2) devices)
Six (6) USB 2.0 ports
(Four (4) connectors, two (2) on headers)
RS232 serial port options available: two (2) or six (6) ports
(One (1) factory configurable to RS422/RS485)
Infrared support
One (1) ECP/EPP parallel port
One (1) PS/2 mouse/keyboard connector
Floppy controller

Video Graphics

Intel® Extreme Graphics 2 Technology
Dual-channel LVDS controller

Memory

Two (2) DIMM sockets support up to 2GB of DDR 333/266 SDRAM (Supports both ECC and non-ECC memory modules)

Ethernet

Ethernet options include 10/100 and 10/100/1000 ports

Sound

AC'97 compatible sound controller

Industrial Devices

Hardware monitoring, CPU and voltage
Watchdog timer

BIOS

AMI®

Battery

Removable lithium battery for CMOS memory

Power Connector

ATX power supply connector standard
Optional 12V DC power connector for brick supply

Compliance

Designed for CE, FCC and UL compliance

Environmental Specs

CATEGORY	OPERATING	NON-OPERATING
Temperature	0°C to 65°C	-40°C to 85°C
Humidity	5 to 95% @ 40°C non-condensing	5 to 95% @ 40°C non-condensing

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