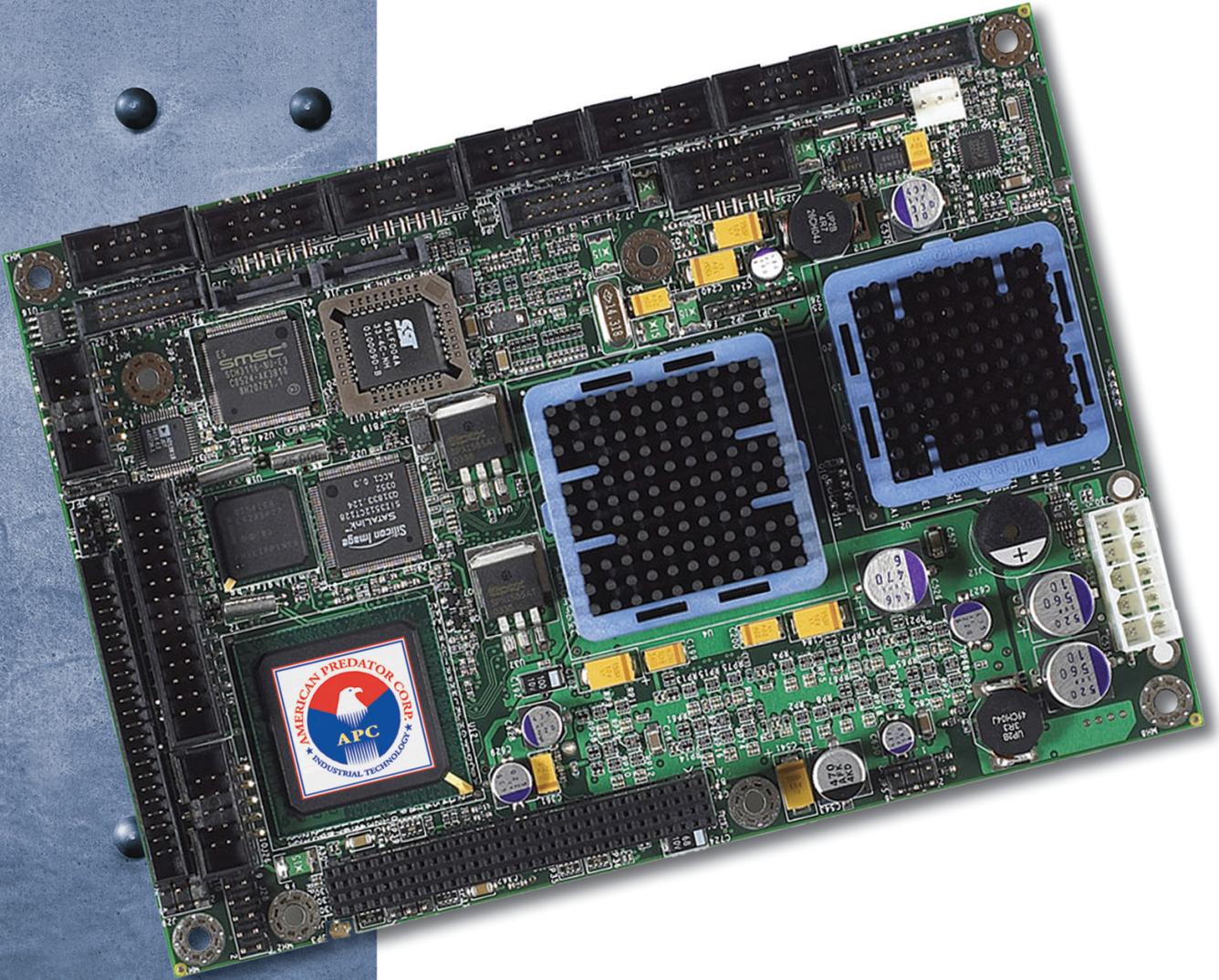


# GATOR EPIC™

Low-Power EPIC SBC for Embedded Applications



- EPIC Form Factor (4.5"x6.5")
- Low Power/Low Profile
- Intel® LV Pentium® M/ULV Celeron® M Processor
- Serial ATA (150MB/s)
- Built-in Intel Extreme Graphics 2
- Five to Eight Year Availability





# GATOR EPIC™

## Low-Power EPIC SBC Controller

The Gator EPIC is a low-power, mid-size single board computer (SBC) based on the EPIC (Embedded Platform for Industrial Computing) form factor. The board measures a compact 4.5" x 6.5", ideal for deeply embedded computing applications. Its low-profile design also allows proper clearance for 1U rack-mount chassis and other low profile cases.

The Gator EPIC is powered by an Intel® LV Pentium® M or ULV Celeron® M processor, allowing high performance with low thermals. The Intel® 855GME chipset provides a 400MHz front side bus, support for 1GB of DDR333/266 memory via an SODIMM slot, on board Intel® Extreme Graphics 2, PC/104-Plus expansion, Serial ATA (150MB/s) and a Mini-PCI slot for add-on cards and peripherals.

**Standard features include:** onboard 10/100 and 10/1000/1000 ethernet options, RS232 serial port options: two (2) or six (6) ports, one (1) factory configurable to RS422/RS485, a 44-pin connector for hard disks or flash memory modules, six (6) USB 2.0 port headers, parallel port header and a mouse/keyboard header.

### About the Gator Family

For applications with limited ventilation and space constraints, American Predator offers the Gator Family, a full line of powerful low power designs. Consuming 50% less wattage than standard Intel® Pentium® 4 processors, these low power solutions provide a new level of efficiency to the industrial environment. Featured applications for low power designs include: small form factor, automobile, military, aerospace, and medical.

### 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

<b>Form Factor</b>	EPIC Form Factor (4.5"x 6.5")
<b>Microprocessor</b>	Supports Intel® LV Pentium® M and ULV Celeron® M processors
<b>Chipset</b>	Intel® 855GME + ICH-4 south bridge
<b>Front Side Bus</b>	400MHz
<b>System Bus</b>	One (1) 32-bit PC/104-Plus expansion Mini-PCI slot (124-pin type III connector)
<b>On board I/O</b>	Two (2) Serial ATA connectors (150MB/s) One (1) 44-pin PATA100 EIDE connector Six (6) USB 2.0 port headers RS232 serial port options available: two (2) or six (6) ports One (1) factory configurable to RS422/RS485 One (1) ECP/EPP parallel port header One (1) PS/2 mouse/keyboard header
<b>Video Graphics</b>	Intel® Extreme Graphics 2 Technology Dual-channel LVDS controller
<b>Memory</b>	One (1) SODIMM slot supports 1GB of DDR 333/266 SDRAM (Supports both ECC and non-ECC memory modules)
<b>Ethernet</b>	Ethernet options include 10/100 and 10/100/1000 ports
<b>Sound</b>	AC'97 compatible sound controller
<b>Industrial Devices</b>	Hardware monitoring, CPU and voltage
<b>BIOS</b>	AMI®
<b>Battery</b>	Removable lithium battery for CMOS memory
<b>Power Connector</b>	10-pin EPIC Power supply connector

### Environmental Specs

CATEGORY	OPERATING	NON-OPERATING
Temperature	0°C to 60°C	-40°C to 65°C
Humidity	5 to 95% @ 40°C non-condensing	5 to 95% @ 40°C non-condensing



Designed for Compliance