

Gator™ AT

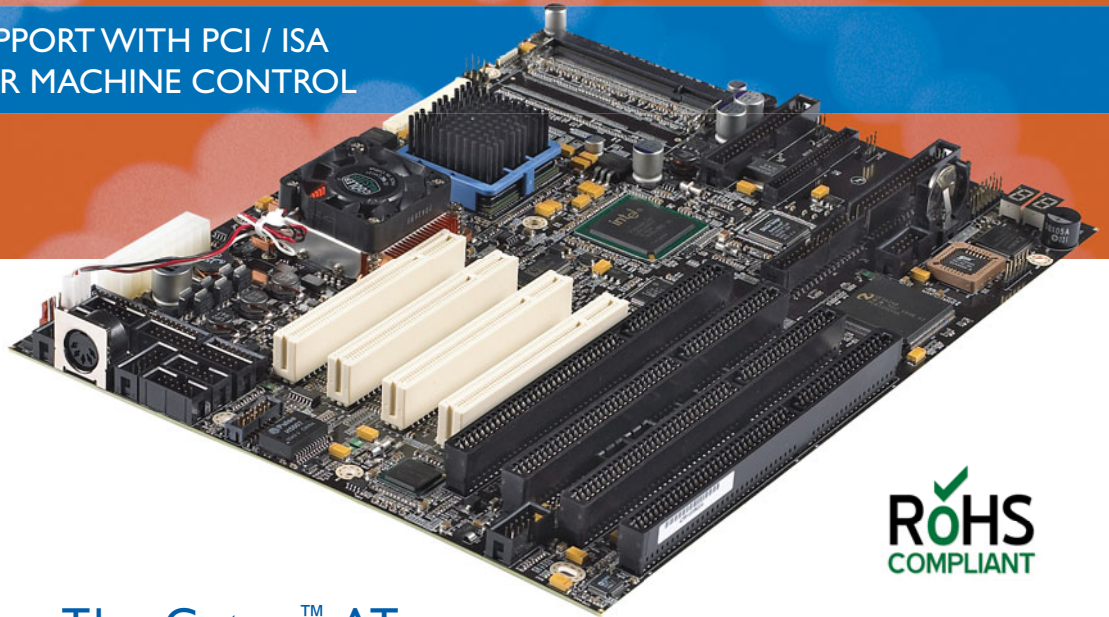
GATOR FAMILY

LOW-POWER BABY-AT MOTHERBOARD WITH LEGACY SUPPORT

DEPENDABLE LEGACY SUPPORT WITH PCI / ISA EXPANSION. PERFECT FOR MACHINE CONTROL

PRODUCT HIGHLIGHTS

- Intel® Pentium® M/Celeron® M processors
- Intel 855GME chipset/ICH-4
- 400MHz Front Side Bus
- Up to 4GB of Dual Channel DDR 333/266
- ISA Bus for Legacy Devices
- Seven (7) To Ten (10) Year Guaranteed Production



The Gator™ AT

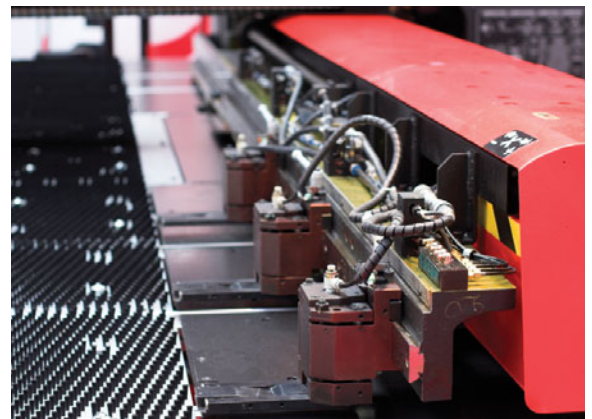
industrial controller was designed to satisfy the demands of today's embedded applications in a legacy AT platform (8.6" x 11.0" form factor). The board is powered by the Intel® Pentium® M/Celeron® M processor, offering a balance of performance and low-power operation. Ideal for machine control applications requiring legacy ISA support.

APPLICATIONS

- Factory Automation
- Automotive
- Industrial PCs
- Semiconductor Equipment
- Medical
- Imaging System
- Security and Surveillance
- Robotics
- Test and Measurement

The Gator AT features the Intel 855GME chipset, running a 400MHz Front Side Bus and featuring up to 2 GB of dual DDR 400, Serial ATA, USB2.0 and gigabit ethernet.

Standard features include: four (4) PCI slots, four (4) ISA slots, four (4) RS232 serial ports (one (1) configurable to RS422), AC'97 sound, and POST display diagnostics.

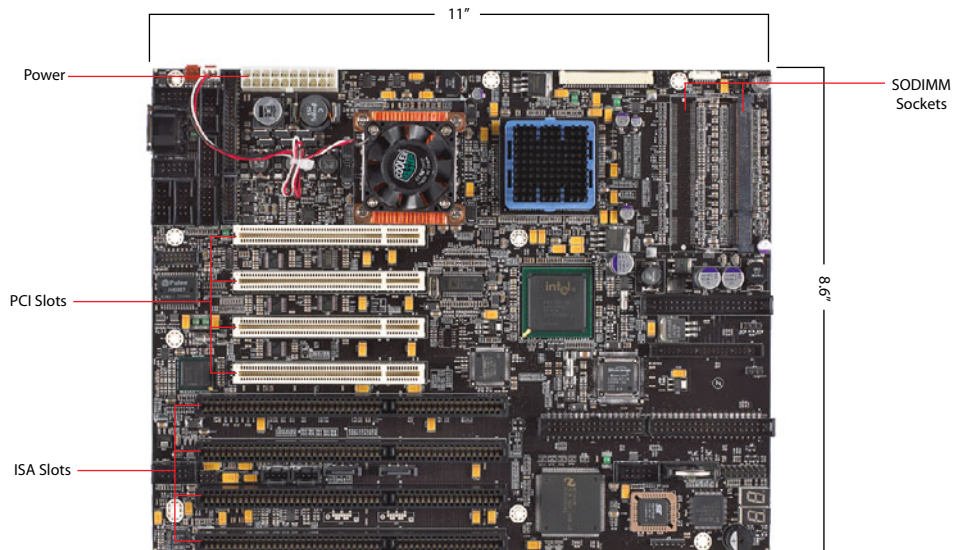


The Gator AT continues Corvalent's commitment to providing simple, long-term, upgrade solutions. The board features a similar fit, form, and function as our Pentium III / Raptor AT and 486 / Predator 747 designs. This offers customers a straightforward, hassle-free upgrade, and an extended, five to eight year product life cycle.

OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2008 environment and backed by a seven (7) to ten (10) year production life cycle guarantee.





TECHNICAL SPECIFICATIONS

Form Factor	Baby-AT	Ethernet	One (1) 10/100/1000 Ethernet port
Dimensions	8.6" x 11.0"	Audio	AC'97 compatible sound controller
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	Industrial Devices	POST code diagnostics Hardware monitoring CPU temperature and voltage
Chipset	Intel 855GME + ICH-4 south bridge	BIOS	AMI®
Front Side Bus	400MHz	Battery	Removable lithium battery for CMOS memory
Memory	Two (2) SODIMM sockets support up to 2GB of DDR 333/266 (supports both ECC and non-ECC memory modules)	Operating Temp	0°C to 60°C
System Bus	Four (4) 32-bit PCI slots, Four (4) 16-bit ISA slots (one shared with PCI connector)	Non-Operating	-40°C to 85°C
Onboard I/O	Two (2) 40-pin PATA100 EIDE connectors (supports two (2) devices) One (1) 44-pin PATA100 EIDE connectors (sharing secondary) Two (2) Serial ATA connectors (150MB/s) (RAID 0/1) IDE Six (6) USB 2.0 headers (USB 1.1 compatible) Four (4) RS232 serial port options available (One (1) factory configurable to RS422) Infrared support One (1) parallel header AT-style keyboard connector Floppy connector 20-pin ATX power supply connector	Op. Humidity	5 to 95% @ 40°C non-condensing
Video Graphics	Onboard integrated graphics utilizing Intel Extreme Graphics 2 Technology Dual channel LVDS	Non-Operating	5 to 95% @ 40°C non-condensing
		Part Number	GMEBT



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