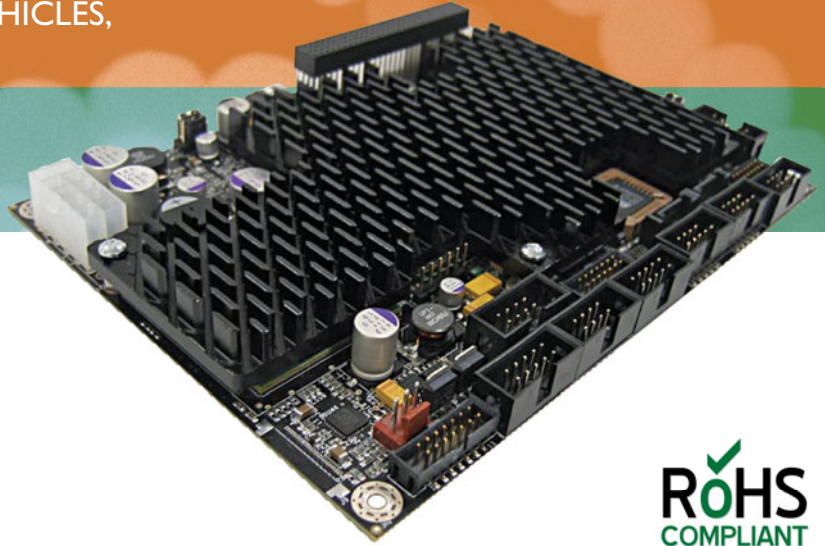


Gator EPIC™

GATOR FAMILY

LOW POWER EPIC SBC FOR EMBEDDED APPLICATIONS

ROBUST COMPACT SBC IS IDEAL FOR VEHICLES,
INDUSTRIAL AUTOMATION AND MORE



PRODUCT HIGHLIGHTS

- EPIC Form Factor (4.5"×6.5")
- Low Power/Low Profile
- Intel® LV Pentium® M/ULV Celeron® M Processor
- Serial ATA (150MB/s)
- Built-in Intel Extreme Graphics 2
- Seven (7) To Ten (10) Year Guaranteed Production

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"× 6.5", ideal for deeply embedded computing applications. Its low-profile design also allows proper clearance for 1U chassis and other low profile embedded systems.

APPLICATIONS

- Medical
- Point of Sale
- Digital Displays
- Defense
- Touch Screen Displays
- Mobile Systems
- Embedded Systems
- Military
- Automotive
- Aerospace

The Gator EPIC is powered by an Intel® LV Pentium® M and ULV Celeron® M processors, 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) with RAID support and a Mini-PCI slot for add-on cards and peripherals.

Standard features include: onboard 10/100 and 10/1000/1000 Ethernet options, four (4) RS232 serial ports, 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 to no ventilation and space constraints, Corvalent offers the Gator Family, a full line of powerful low power designs. Consuming 50% less power 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, automotive, military, aerospace, and medical.

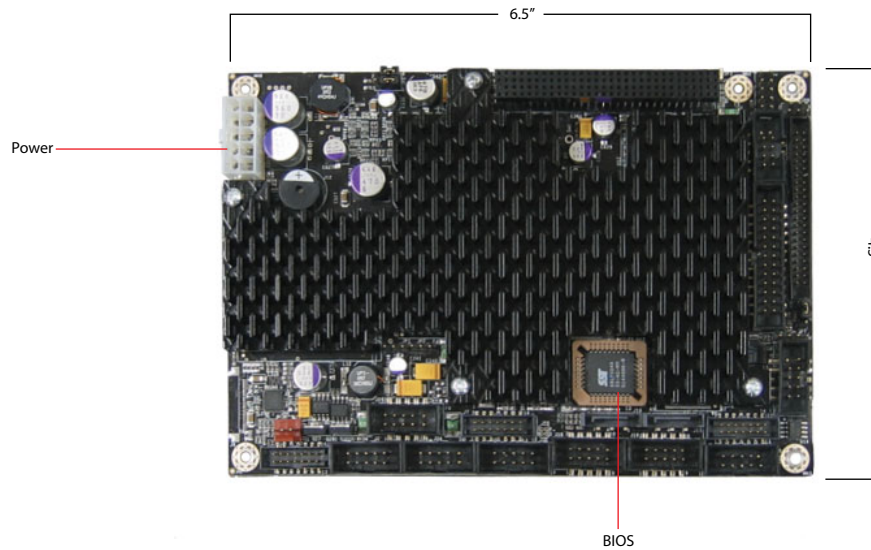
OUR COMMITMENT TO QUALITY

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.



Gator EPIC

LOW POWER EPIC SBC FOR EMBEDDED APPLICATIONS



TECHNICAL SPECIFICATIONS

Form Factor	EPIC	Ethernet	Ethernet options include 10/100 and 10/100/1000 ports
Dimensions	4.5" x 6.5"	Audio	AC'97 compatible sound controller
Microprocessor	Supports Intel® LV Pentium® M and ULV Celeron® M processors	Industrial Devices	Hardware monitoring, CPU and voltage
Chipset	Intel® 855GME + ICH4	BIOS	AMI®
Front Side Bus	400MHz	Battery	Removable lithium battery for CMOS memory
Memory	Two (2) DIMM sockets support up to 2GB of DDR 333/ 266 SDRAM (Supports both ECC and non-ECC memory modules)	Operating Temp	0°C to 70°C
System Bus	One (1) 32-bit PC/104-Plus expansion Mini-PCI slot (124-pin type III connector)	Non-Operating	-40°C to 85°C
Onboard I/O	Two (2) Serial ATA connectors (150MB/s) (RAID 0/1) 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) Four (4) RS232 serial ports Infrared support One (1) ECP/EPP parallel port One (1) PS/2 mouse/keyboard connector Floppy controller (available on parallel port) EPIC power supply connector standard	Op. Humidity	5 to 95% @ 40°C non-condensing
Video Graphics	Intel® Extreme Graphics 2 Technology Dual-channel LVDS controller	Non-Operating	5 to 95% @ 40°C non-condensing
		Part Number	GMEEP



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