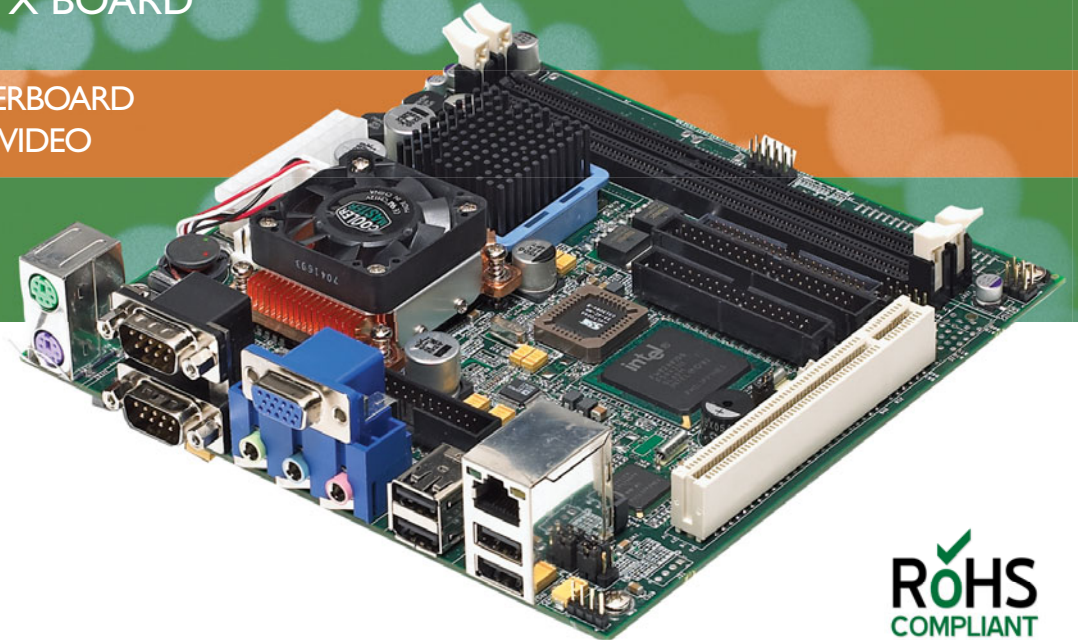


Gator™ Mini-ITX

LOW POWER MINI ITX BOARD

GATOR FAMILY

COMPACT, FANLESS MOTHERBOARD
WITH BUILT-IN AUDIO AND VIDEO



PRODUCT HIGHLIGHTS

- Small Form Factor (6.7" x 6.7")
- Low-power Design
- Supports Intel® Pentium® M and Celeron® M Processors
- Built-in Graphics
- Up To 2Gb Of DDR 266/333
- One (1) PCI Slot
- One (1) Mini-PCI Slot
- Seven (7) To Ten (10) Year Guaranteed Production



The Gator™ Mini-ITX

is a low-power motherboard based on the ultra-compact Mini-ITX form factor. The Mini-ITX measures 6.7" x 6.7", roughly 3" smaller than a MicroATX board, a perfect fit for small enclosures, thin clients and deeply embedded applications.

APPLICATIONS

- Medical
- Defense
- Security and Surveillance
- Point of Sale
- Digital Displays
- Networking
- Internet Appliances
- Factory Automation
- Gaming
- Infotainment

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 heat sink and fan. Space-saving features combined with the Gator Mini-ITX's power levels makes it the ideal platform for embedded systems.

The Intel 855GME chipset offers integrated Intel Extreme Graphics 2 technology, LVDS with backlight support, Serial ATA (150MB/s) with RAID 0/1, AC'97 sound, and a host of standard I/O features. The chipset supports a 400MHz front side bus, and allows up to 2GB of DDR 266/333 SDRAM. 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 consisting of: two (2) or four (4) ports, six (6) USB 2.0 ports, one (1) parallel port, one (1) PS/2 mouse and keyboard connector as well as a floppy controller supporting up to two (2) floppy drives.



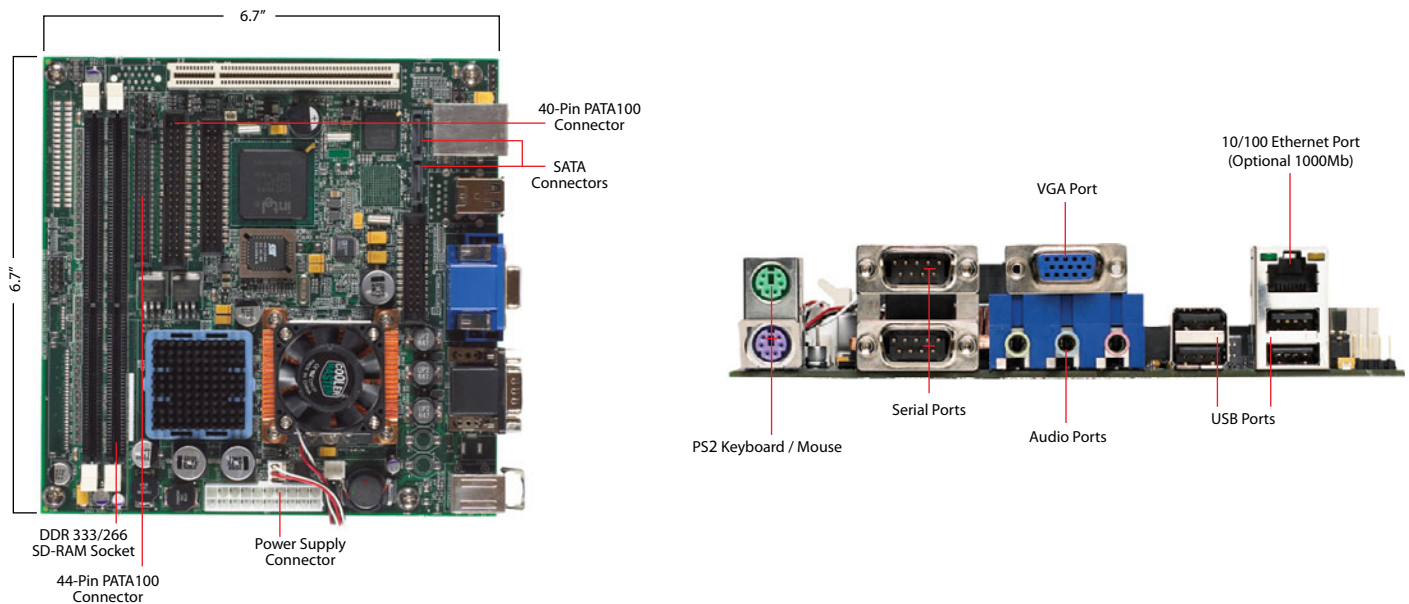
OUR COMMITMENT TO QUALITY

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™ Mini-ITX

LOW POWER MINI ITX BOARD



TECHNICAL SPECIFICATIONS

Form Factor	Mini ITX
Dimensions	6.7" x 6.7" (170mm 170mm)
Microprocessor	Supports low-power Intel® Pentium® M and Celeron® M processors (Socket 479)
Chipset	Intel 855GME + ICH-4 south bridge
Front Side Bus	400MHz
Memory	Two (2) DIMM sockets support up to 2GB of DDR 333/266 SDRAM (Supports ECC & non-ECC memory modules)
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)
Onboard I/O	Two (2) Serial ATA connectors (150MB/s) with 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) RS232 serial port options available: two (2) or four (4) ports. One (1) factory configurable to RS422 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
Ethernet	Ethernet options include 10/100 or optional 10/100/1000 port
Audio	AC'97 compatible sound controller
Industrial Devices	Hardware monitoring
BIOS	AMI®
Battery	Removable Lithium Battery For CMOS Memory
Operating Temp	0°C to 65°C
Non-Operating	-40°C to 85°C
Op. Humidity	5 to 95% @ 40°C non-condensing
Non-Operating	5 to 95% @ 40°C non-condensing
Part Number	GMEIX

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