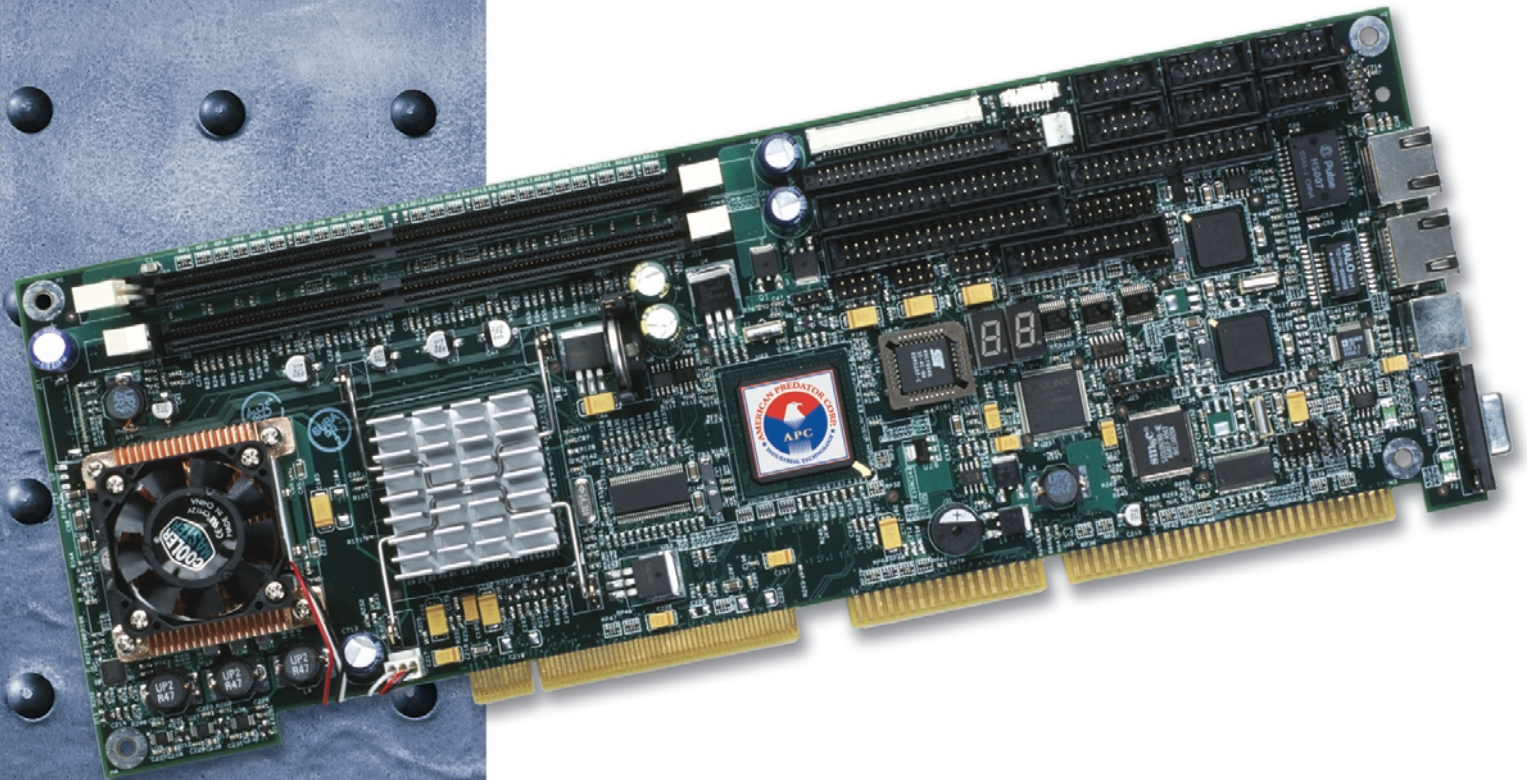


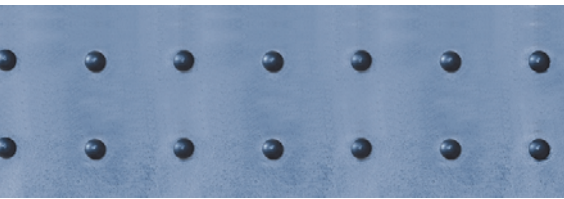
Captor M™

Low-Power Single Board Computer Based on the Intel® Pentium® M and Celeron® M processor



- Low-Power/Low-Profile Design
- Intel® Pentium® M/Celeron® M Processor
- Built-In Intel® Extreme Graphics 2 Technology
- Up to Six RS232 Serial Ports
- Up to 2GB Dual-Channel DDR
- Five to Eight Year Production Guarantee





Captor M™

Low-Power Single Board Computer based on the Intel® Pentium® M and Celeron® M Processor

The **Captor M™** single board computer (SBC) is a full-size PICMG compliant CPU card (4.53"x13.3", standard 1.0 rev02), and supports low-power Pentium® M and Celeron® M processors. These processors allow the Captor M to run at a fraction of the wattage of standard processor based SBC's.

The **Intel® Pentium® M and Celeron® M processors** also enable the Captor M to be cooled by a low-profile heat sink and fan. This significantly reduces the amount of horizontal space the SBC takes up in the backplane and allows usage of expansion card slots that would normally be blocked by a larger standard processor fan.

The **Captor M features the Intel® 855GME chipset**, which offers integrated Intel® Extreme Graphics 2 technology, optional LVDS with backlight support, 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. Network connectivity is available through one (1) 10/100 ethernet, which can be factory upgradeable to one (1) 1Gb controller. There is also an option for a second 10/100 or 1Gb ethernet.

The Captor M features two edge connectors that plug into an industry-standard PCI-ISA passive backplane. This standard allows multiple systems to run in a single enclosure, ideal for applications such as: networking, telephony, robotics, automation and industrial.

All American Predator products are specifically engineered to operate under diverse environmental ranges and are subject to an extended burn-in process and stringent internal testing procedures.

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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Proudly Made in the USA

Technical Specifications

Form Factor	Full-size PICMG 1.0 rev02 compliant form factor (4.53"x13.3")
Microprocessor	Intel® Pentium® M or Celeron® M processor
Chipset	Intel® 855GME Supports 400MHz FSB
On board I/O	Two (2) 40-pin ATA/33 EIDE connectors One (1) 44-pin IDE connector for Flash Disk (sharing secondary IDE) One (1) Mini-PCI (PCI 2.2 33/32MHz connector Type III) Floppy controller Six (6) USB 2.0 ports (USB 1.1 compatible) Two (2) RS-232 serial ports standard Optional additional four (4) RS232 serial ports, one (1) factory configurable as RS422/485 One (1) ECP/EPP parallel port One (1) PS/2 mouse/keyboard connector (Backplate access)
Video Graphics	Onboard integrated graphics utilizing Intel® Extreme Graphics 2 technology (Backplate access) Dual-channel LVDS controller optional
Memory	Two (2) DIMM sockets support up to 2GB of dual-channel DDR333/266 SDRAM
Ethernet	One (1) 10/100 ethernet, factory upgradeable to 1Gb. Optional second 10/100 or 1Gb ethernet (Backplate access)
Sound	AC'97 compatible sound controller
Industrial Devices	POST code diagnostics Hardware Monitoring Watchdog Timer
BIOS	AMI®
Battery	Removable lithium battery for CMOS memory
Power Connector	Power is supplied through the backplane connectors
Environmental Specs	Temperature: 0°C to +55°C - operating, -40°C to +85°C - non-operating. Humidity: 5% to 95% @ 40°C



Designed for Compliance