

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

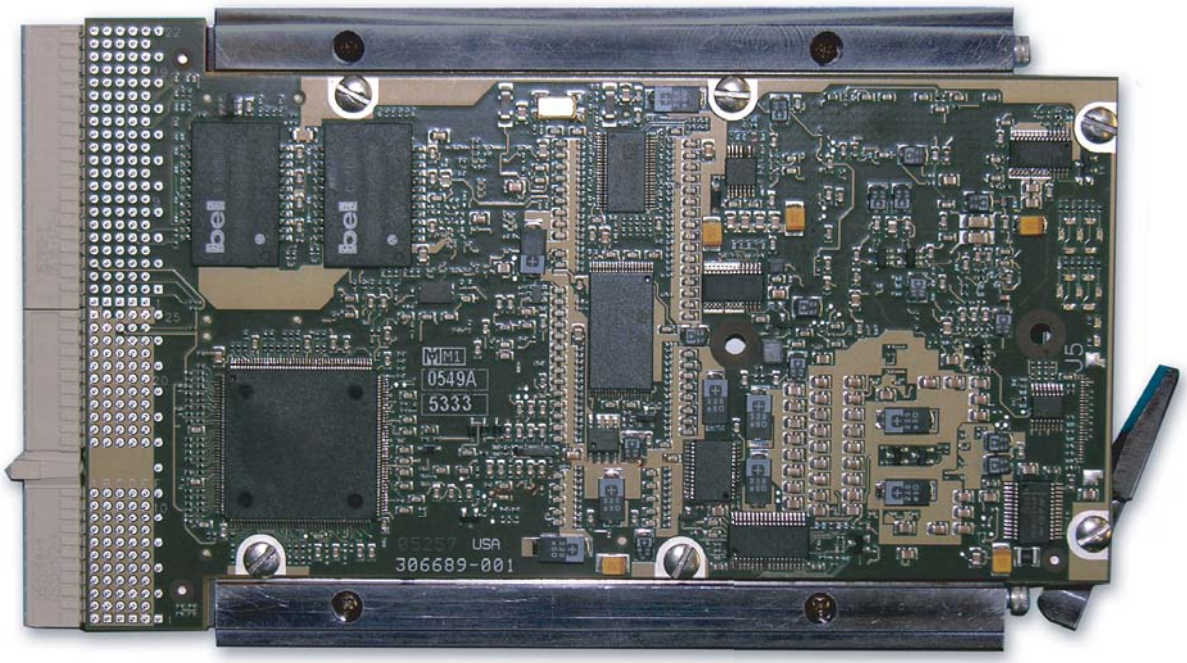
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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PC3000SBC



Pentium® M, 3U, cPCI, Single Board Computer

- Intel® Pentium® M up to 1.8GHz
- Up to 2GB DDR-SDRAM 333MHz Memory
- Single Slot, 3U cPCI
- IEEE 1101.2 Conduction cooled
- MIL-STD-810F compliant

GENERAL DYNAMICS
Canada

008615a_2006/02/13

GD Canada's PC3000SBC

Pentium® M, Conduction Cooled, 3U, cPCI, Single Board Computer

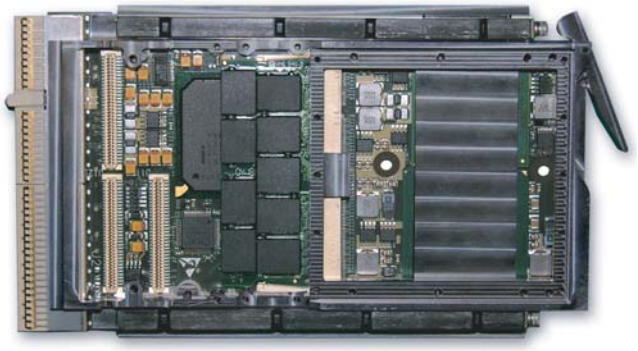
Technical Specifications

Computer

- Intel® Pentium® M up to 1.8GHz
- 2MB L2 cache on-die
- 400MHz Front Side Bus
- Up to 2 GB DDR-SDRAM 333MHz PC2700 Memory with ECC support
- Intel Extreme Graphics 2 with up to 128MB of Shared system Memory
- Standard VGA Interface
- Single Pixel LVDS Video Interface
- Dual Gigabit Ethernet 10/100/1000 Base-T (Boot From LAN Support)
- Serial ATA Hard Drive Interface
- 2 x USB 2.0 ports (Boot From USB Support)
- 1 x Serial Port, Configurable Protocols (RS232/422)
- Trusted Platform Module (TPM) 1.2
- 4 x GPIO Capable of Generating Interrupts
- Single Slot, 3U cPCI Form Factor
- PCI Mezzanine Card (PMC) Slot with 4 Single Ended and 8 Differential rear I/Os
- IEEE 1101.2 Conduction Cooled

Optional PMC Functions

- CompactFlash®
- Dual Gigabit Ethernet 10/100/1000 Base-T (Boot From LAN Support)



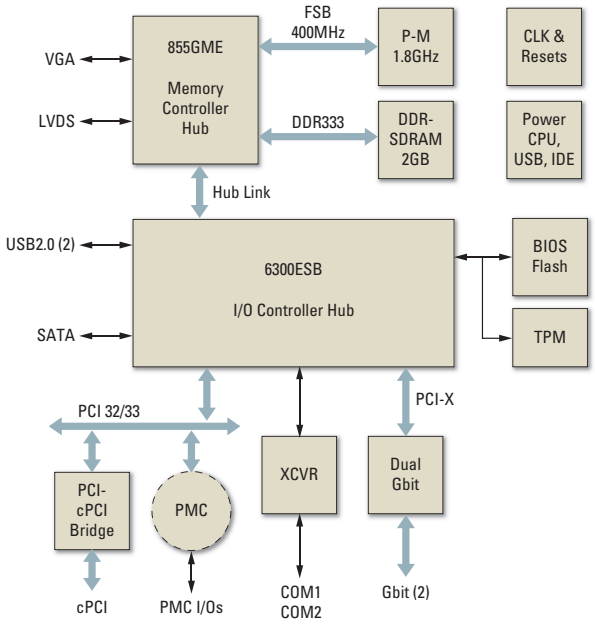
Software

- Operating Systems Supported:
  - VxWorks
  - QNX®
  - Windows® ME, 2000, NT, XP
  - SCO® Server 5
  - Solaris x86 2.x
  - Linux
  - Windows Server 2003
- BIOS Setup for Watchdog timer with a 128msec to 32 sec. timeout interval

Environmental

- Operating temperature:
  - -46°C to +85°C (-51°F to +185°F) at card edge
- Storage Temperature:
  - -51°C to +91°C (-60°F to +195°F)
- Shock:
  - MIL-STD-810F, Method 516.5, Procedure I
- Vibration:
  - MIL-STD-180F, Method 514.5 Category 13, 14, 20 and 24

Block Diagram



For more information please contact us at:
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www.gdcanada.com/land/computer_display.html

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GENERAL DYNAMICS CANADA PROPRIETARY - COMPETITION-SENSITIVE

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

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