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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *General Micro Systems V265POA1001* at our website: ***Click HERE***

Click to enable Adobe Flash Player



[Full Data Sheet]

[To SAM Audio/Fire-Wire I/O Module]

[Downloads (Bios, drivers, driver updates, BSP's)]

[Request Login/Pass]

V265 "Condor"

High Performance, Upgradeable Pentium® M Processor VME SBC

Features

- Up to 2GHz+ Pentium® M processor with up to 2MB of L2 Cache
- Field upgradeable CPU module to deploy latest Pentium® M processors
- Ultra-low power requirements as low as 12W Max
- Highest performance per watt processor module available in the industry
- Up to 1GB of 266MHz DDR SDRAM via SODIMM module
- Dual Gigabit Ethernet ports to front panel, rear or VITA 31
- Dual Video to supports two DVI monitors or DVI and RGB simultaneously
- Up to 10 Synchronous Multi Protocol Communication Controllers
- One PCI-X compliant PMC module with rear I/O
- Onboard support for one IDE HDD or CompactFlash
- One SAM™ I/O expansion module for Audio, 1394 or other custom I/O
- Full Power Management control:
  - ACPI 1.0 compliant (Suspend to memory/disk etc.)
  - Geyserville® III support (Speed and Voltage stepping)
  - Support for battery operation and standby power
- Four USB-2.0 ports and two serial ports
- 16 Individually programmable user I/O lines each with Interrupt capability
- 1600 Gate user configurable CPLD with 32 GPIO lines
- 512KB of BIOS/user Flash
- RTC with field-replaceable battery
- CPU temperature and voltage monitoring for safe operation
- VME-64X support via Tundra Universe II
- Available in standard 0°-55°C or extended temperature -40° to +85°C
- Support for Windows® XP/2000, VxWorks®-Tornado II® and Linux®

Highlights

The GMS "Condor" is the industry's first 6U VME Single Board Computer (SBC) to provide a field upgradeable CPU module to fully take advantage of new processors and chipsets from Intel. This processor upgradeable technology provides the OEM a processor migration path in order to avoid obsolescence in defense/long life cycle requirements applications. The Condor provides users with several processor options. For ultra low power consumption, 10W Max (6W average), the Low Voltage (LV) Pentium® M 738 CPU at 1.4GHz with 2MB of on-die L2 cache is used, or for more demanding processor power the 1.6 GHz with 1MB of Cache processor is used, which requires 24 Watts Max (14W average). For the most demanding applications, the new Intel M-745 processor is supported. The M-745 provides the user with a 1.8GHz processor and 2MB of L2 Cache with an incredible 12W Max (7W average) power consumption, which makes the Condor the FASTEST processor per watt compared to any other Intel or PowerPC® VME SBC. Further, it will support the next generation of processors from Intel for even lower power, lower cost and faster operations and it is field upgradeable!

The Condor is available in standard convection cooled commercial operating temperatures, (0°C - 55°C) or extended temperature (-40°C to +85°C) with ruggedized assembly for defense/industrial applications. Conduction cooled versions of the Condor are also available, consult factory for more details.

Back Home

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?

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

ARTISAN® TECHNOLOGY GROUP