

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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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Find the *Curtiss-Wright / DY-4 DMV-1905* at our website: ***Click HERE***



Fact Sheet

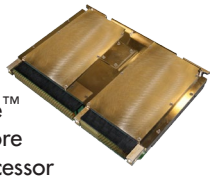
Intel®-based Single Board Computers

Curtiss-Wright's family of Intel-based Single Board Computers (SBCs) consists of high-performance CPUs designed to operate as system controllers, peripheral processors or I/O processor nodes.

Offered in VME and VPX, Curtiss-Wright's Intel SBCs are built to varying form factor specs to meet the needs of the evolving embedded community.

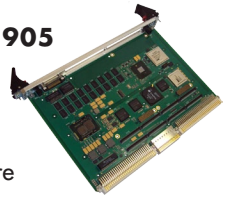
Designed with rich I/O complements and industry leading processing technology, our Intel-based SBCs provide an ideal combination to support high performance computing in harsh environments.

VPX6-1956



- 6U VPX
- Intel® Core™ i7 quad-core 32nm processor
  - 2.1 GHz
  - Quad-core CPU
  - 6 MB L3 cache
  - Intel AVX floating point
- Up to 16 GB DDR3 SDRAM
- Dual XMC/PMC sites
- Intel Graphics on-board
- Backplane fabric: PCIe Gen 2 & SRIO

SVME/DMV-1905



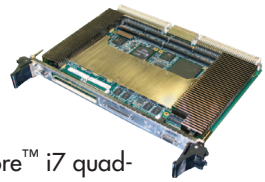
- 6U VME
- Intel® Core™ i7
  - Dual-core CPU
  - 2.53 GHz
  - 4 MB L3 Cache
  - SSE 4.2 floating point
- Up to 8 GB DDR3 SDRAM
- Dual XMC/PMC site
- Intel Graphics on-board

VPX3-1256



- 3U VPX
- Intel® Core™ i7 quad-core processor
  - 2.1 GHz
  - Quad-core CPU
  - 8 MB L3 Cache
  - Intel Advanced Vector Extensions (AVX) floating point
- Up to 16 GB DDR3 SDRAM
- XMC site
- Intel Graphics on-board
- Backplane fabric: PCIe Gen2

SVME/DMV-1901



- 3U VME
- Intel® Core™ i7 quad-core processor
  - 2.1 GHz
  - Quad-core CPU
  - 8 MB L3 Cache
  - Intel Advanced Vector Extensions (AVX) floating point
- Up to 16 GB DDR3 SDRAM
- XMC site
- Intel Graphics on-board
- Backplane fabric: PCIe Gen2

VPX3-1252



- 3U VPX
- Intel® Core™2 Duo SP9300 Processor
  - 2.26 GHz
  - 6 MB L2 Cache
  - 1067 MHz FSB
  - SSE4 floating point libraries
- Up to 8 GB DDR3 SDRAM
- Intel Graphics on-board
- Backplane fabric: PCIe

Learn More
Sales Info: sales.cwcembedded.com
Sales Email: sales@cwcembedded.com

ABOVE & BEYOND

Embedded and Communications Alliance Affiliate

CURTISS WRIGHT Controls Embedded Computing
cwcembedded.com



Fact Sheet

Intel-based Single Board Computers

Versatile Applications

When it comes to rugged SBCs, Curtiss-Wright Controls Embedded Computing's record of achievement is unmatched. The depth of experience gained through the development of successive generations of Intel-based products has resulted in a worldwide installed base of units deployed in such broadly diverse applications as torpedo guidance, sensor control, fire control, mission computing, industrial control and graphical display consoles. Curtiss-Wright's off-the-shelf SBC products are available in 3U and 6U formats offering VMEbus, VPX/VPX-REDI or cPCI compatibility, meeting a broad spectrum of environmental requirements using convection or conduction cooling techniques for thermal management. In addition to the off-the-shelf products, many applications have been satisfied by customer-specific derivatives of our standard products repackaged into different form factors along with slightly modified or custom functionality to meet specific project end-use requirements.

Curtiss-Wright's Intel-based SBCs are offered in a variety of backplane bus architectures and environmental standards designed to perform in the complete spectrum of rugged deployed applications. SBCs are offered with a choice of convection- or conduction-cooling and the range of module sizes encompasses 6U VMEbus products, 3U cPCI products for use in confined spaces, plus state-of-the-art 6U VPX (VITA 46) products where the highest performance, scalable fabric-based architectures are required. What characterizes our SBCs is their industry-leading performance per Watt, complemented by a wealth of I/O and an array of additional PMC/XMC mezzanine modules, often enabling an entire subsystem's I/O requirements to fit just the SBC itself.

Ease of Implementation

All our Intel-based SBC products are designed to offer the highest levels of performance and functionality making use of the latest technology proven to meet our exacting standards for operation in harsh environments and extremes of temperature. Beyond out capable hardware, it is the excellence of our software that unleashes the true potential of each product, reducing risk and cutting time-to-deployment. We write and support BSPs for the leading real-time operating systems; Wind River's VxWorks® with Tornado™ and Workbench IDEs, Solaris, Windows XP Embedded, GreenHills® Software's Integrity® and Linux® (OS support may vary based on individual products - contact you're local sales representative for more information). Curtiss-Wright Controls Embedded Computing offers many enhanced functions in addition to the included drivers for the industry-standard interface devices used on our products. Support is provided for watchdog timers, temperature sensors, digital I/O, Flash File systems, Gigabit Ethernet, MIL-STD-1553B, and more.





About Curtiss-Wright Controls Embedded Computing

Curtiss-Wright Controls Embedded Computing is the industry's most comprehensive and experienced single source for embedded solutions, ranging from processing, subsystems, data communication, DSP, and video and graphics to the most advanced board level components and fully integrated systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-Wright Controls Inc.

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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.

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

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