



NEWS RELEASE

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Family of Very High Performance Rugged Single Board Computers Based on 5th Gen Intel® Core™ i7 Processor Launched by Curtiss-Wright

New VPX and VME SBCs feature Intel's Latest Quad-Core Mobile Processor

ASHBURN, Va. – June 2, 2015 – [Curtiss-Wright Corporation](#) (NYSE: CW) today announced that its [Defense Solutions](#) division has launched a family of Single Board Computer (SBC) modules based on the recently introduced 5th Gen Intel® Core™ i7 processor (former codename “Broadwell-H”). Designed for use in aerospace and defense applications, the first members of the new SBC family to be announced include the [3U OpenVPX™ VPX3-1259](#), the [6U OpenVPX VPX6-1959](#), and [6U VME-1909](#). These rugged COTS modules enable designers of rugged embedded systems to take full advantage of the unmatched performance of the 5th Gen Intel Core i7 processor architecture. Designed for use in the most demanding defense and aerospace rugged deployed systems, the new SBCs are believed to deliver the highest processor performance available in a single CPU-based VME or OpenVPX module. Curtiss-Wright's 5th Gen Intel Core i7 SBC family is ideal for use in next-generation mission computers, Radar processing and imaging systems, and a wide range of C4ISR applications.

Introducing Curtiss-Wright's 5th Gen Intel Core i7 SBCs

All members of the 5th Gen Intel Core i7 SBC family are pin-compatible with the previous generation of Curtiss-Wright Intel SBC modules. This compatibility simplifies system upgrades and significantly reduces program risks for technology refresh opportunities. These boards also incorporate advanced cooling technologies specifically designed for Intel's 14nm technology to deliver optimal performance in the harshest deployed environments. The new SBCs will be available in a range of ruggedized configurations, including air-cooled, conduction-cooled, and air flow-through versions.

- [VPX3-1259](#): The VPX3-1259 is a 3U OpenVPX module designed for the highest performance in the smallest package, and features a high speed PCI Express® (PCIe) Gen3 interface to the backplane.

- [VPX6-1959](#): The VPX6-1959 is a 6U VPX module that delivers 10G/40G Ethernet or InfiniBand® Data Plane interfaces in addition to its PCIe Gen3 Expansion Plane interface.
- [VME-1909](#): The VME-1909 is a 6U VME module and includes full support for legacy VME bus systems.

“With the debut of our new 5th Gen Intel Core i7-based SBC family, Curtiss-Wright further strengthens its position as the leading supplier of high performance COTS single board computers designed to perform in the harshest aerospace and defense environments,” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “Offered in both VME and 3U/6U OpenVPX variants, these SBCs deliver the blazing speed, intensive compute power, and I/O flexibility that system designers need to deploy faster, more powerful systems enabling applications to deliver higher precision and faster results than ever possible before.”

About the 5th Gen Intel Core i7 Processor

Intel’s 5th Gen Core i7 processor delivers higher CPU and graphics performance than previous generations, while offering the same power saving features made available across the entire Core i7 product line. Ideal for applications requiring demanding computational performance, the 5th Gen Core i7 processor features a significantly enhanced Graphics Processing Unit (GPU), which can be used as a floating point math accelerator and is supported by Curtiss-Wright’s OpenCL™ software libraries. For vector-based math applications, an AVX2-optimized VSIBL and Vector software library will also be available.

The [VPX3-1259](#), [VPX6-1959](#), and [VME-1909](#) are scheduled for availability starting Q4 2015.

Sales inquiries: Please forward all Sales and reader service inquiries to Kavita Williams, Curtiss-Wright Defense Solutions, Tel: (661) 705-1142; Fax: (661) 705-1206; email: ds@curtisswright.com.

For more information on Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation (NYSE:CW) is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 9,000 people worldwide. For more information, visit www.curtisswright.com.

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