



X-ES Ships XMC with Versatile Mini PCI Express and mSATA Support

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Extreme Engineering Solutions, Inc. (X-ES) has announced the [XPort5005](#), an XMC module that can be quickly configured to support a platform's specific I/O or storage needs. The XPort5005 allows system integrators to reduce the total cost, complexity, and time to market for supporting the varying I/O and storage requirements of different platforms by enabling rapid support for CAN bus, GPS, IEEE 1394 (FireWire), MIL-STD-1553, ARINC 429, Solid-State Drives (SSD), AES-256 encryption, GPIO, WLAN (Wi-Fi), WiMax, Cellular (4G/LTE and 3G), RS-232, Bluetooth, and more.

As the industry's first XMC to leverage the widely supported Mini PCI Express I/O and mSATA storage module markets, the [XPort5005](#) offers a flexible solution for meeting current and future platform requirements. The small size of Mini PCI Express and mSATA modules allows the XPort5005 to support up to two full height (F2/H1) and one half-height (H1) module within a single XMC.

The [XPort5005](#) supports operational temperatures from -40C to +85C for conduction cooled applications and -40C to +70C for forced air cooled applications. The rugged XPort5005 design also provides for robust mounting of its Mini PCI Express modules, supporting the XPort5005's use within platforms with the most demanding of environmental requirements, including vehicle transportation, rail transportation, military, and aerospace applications.

The XPort5005's compact XMC form factor enables access to Mini PCI Express and mSATA modules for the plethora of other form factors that host XMC sites. These include 3U VPX and 3U CompactPCI modules like X-ES's [XPedite7470](#), [XChange3000](#), and [XPedite5530](#) which can support a single XPort5005. Additionally, up to two XPort5005s can be added to 6U VPX, 6U VME, and 6U CompactPCI modules such as X-ES's [XCalibur4440](#), [XCalibur1730](#), and [XCalibur1600](#). The XPort5005 can also be supported within Small Form Factor (SFF) and Embedded Box Computer systems that include XMC sites, such as X-ES's [XPand6000 Series](#).

Contact X-ES today to learn more about how the XPort5005 can provide you rapid access to a wide range of I/O and storage options within a compact and rugged module.

About X-ES — Extreme Engineering Solutions, Inc. (X-ES), a 100% U.S.A. -based company, designs and builds single board computers, I/O boards, power supplies, backplanes, chassis, and system-level solutions for embedded computing customers. X-ES offers cutting-edge performance and flexibility in design, plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website: www.xes-inc.com or call (608) 833-1155.

Data Sheet: www.xes-inc.com/assets/products/files/XPort5005-DS.pdf

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