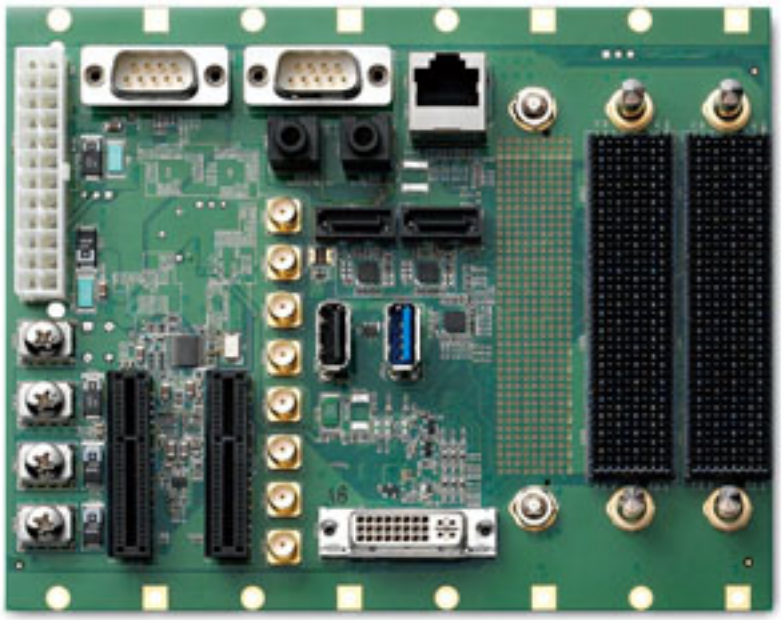
VPX processor blade provides up to 8GB DDR3-1333/1600 dual channel ECC memory



ADLINK Technology announced its flagship VPX product line, the VPX3000 Series rugged 3U VPX processor blade. The VPX3000 Series is ideal for system integrators who have a need for an advanced VPX board with VPX REDI and OpenVPX compliance in order to deploy high performance military and aerospace applications requiring quick time-to-market.

The ADLINK VPX3000 Series features the 3rd generation Intel Core i7 processor with Mobile Intel QM77 Express Chipset. The VPX3000 Series provides up to 8GB DDR3-1333/1600 dual channel ECC memory soldered onboard, one PCI Express x8 XMC.3 site with VITA 46.9 rear IO, and onboard soldered 16GB SLC SATA solid state drive. The processor blade provides two Gen2 PCI Express x4 (or 1x PCIe x8) to P1 with DMA and Non-Transparent Capability. Rear I/O via P1 and P2 includes 1000BASE-T, HD audio (line-in, line-out), 2x SATA 6 Gb/s, 1x SATA 3 Gb/s, USB 3.0, USB 2.0, GPIO, VGA, DVI, RS-232, and RS-422.

The VPX3000 Series is rugged conduction-cooled with conformal coating to support the requirements of mission-critical applications in military and aerospace, and supports VITA 46, VPX REDI 48, OpenVPX VITA 65, as well as VITA 47-2005 environmental specifications. A VPX-R300 Rear Transition Module is available to access rear I/O signals from the VPX3000, and a tBP-VPX3000 Test Backplane supporting three payload slots is available for users to validate VPX3000 functionality.

The VPX3000 Series is available with extensive software coverage, including support for Windows 7, Windows Embedded Standard 7, Linux, and VxWorks operating systems.

For more information, please visit http://www.adlinktech.com [1]

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