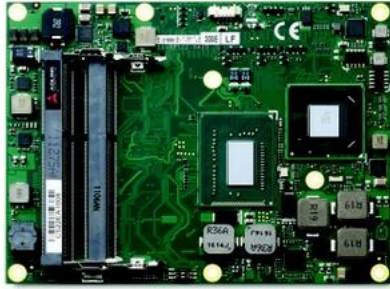


Module features Intel Core



ADLINK Technology, Inc., presents its latest COM Express offering, the Express-IB. The Express-IB is a high performance COM.0 R2.0 Type 6 module featuring an Intel® Core™ i7/i5/i3 processor supporting Intel HD Graphics integrated on the CPU with three independent displays. A PCI Express x16 Generation 3.0 bus is available for discrete graphics expansion or general purpose PCIe (optionally configure as 2 x8 or 1 x8 + 2 x4).

The Express-IB targets applications in Government, Military, Medical, Digital Signage and Communications and is ideal for customers with advanced processing performance and graphics requirements looking to reduce development time by outsourcing the base design of their system and focusing on application functionality. The Express-IB supports Intel® Advance Vector Extensions (Intel® AVX v1.0), with its improved Floating Point Intensive Applications, and also offers the benefits of increased bandwidth provided by USB 3.0.

New with the COM Express Type 6 module are three Digital Display Interface (DDI) ports supporting HDMI, DVI and DisplayPort outputs, in addition to legacy VGA and dual-channel 18/24-bit LVDS displays. The Express-IB also offers Gigabit Ethernet, up to four USB 3.0 ports, four USB 2.0 ports, two SATA 6 Gb/s ports and two SATA 3 Gb/s ports (RAID 0/1/5/10) and support for SMBus and I2C. The module is equipped with AMI EFI BIOS supporting remote console, CMOS backup, hardware monitor and watchdog timer.

The Express-IB features the Intel® Core™ i7/i5/i3 processor supporting Intel® Hyper-threading Technology (4 cores, 8 threads) and up to 16GB of DDR3 dual-channel memory at 1333/1600 MHz on dual stacked SODIMM sockets to provide excellent overall performance. Intel® Flexible Display Interface and Direct Media Interface provide high-speed connectivity to the Mobile Intel® QM77 Express Chipset.

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