

New Product Announcement

Mouser Electronics Now Stocking ADLINK Express-BD7 Computer-on-Modules with Built-in Cloud Functionality

July 5, 2018 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [Express-BD7](#) Computer-on-Modules (COMs) from [ADLINK Technology](#), a Premier Member of The Intel® Internet of Things Solutions Alliance. ADLINK's Express-BD7 COMs help engineers build space-constrained systems in [industrial](#) automation and data [communication](#) — such as virtualization, edge computing or other numerical applications — that require high density CPU cores balanced by reasonable power consumption.

[ADLINK's Express-BD7](#) COM devices, available from Mouser Electronics, are designed around the Intel Xeon® processor D and Intel Pentium® processor D systems-on-chip (SoCs) and based on the latest PICMG COM Express® 3.0 specification with Type 7 pinout. The Type 7 pinout removes graphics support available in Type 6 and replaces it with up to four 10 Gigabit Ethernet (10GbE) ports and an additional eight PCIe ports for a total of up to 32 PCIe lanes.

The Express-BD7 has dual stacked SODIMM sockets supporting up to 32 GBytes of DDR4 ECC (or non-ECC) memory, and interface options include USB 3.0/2.0 ports and SATA 6 Gbps ports with support for SMBus and I²C. The module also features built-in Smart Embedded Management Agent (SEMA) Cloud functionality, which enables remote monitoring, autonomous status analysis, custom data collection, and initiation of appropriate actions in distributed devices. All collected data, including sensor measurements and management commands, are available from any place, at any time via encrypted data connection.

The Express-BD7 COM is supported by the ADLINK COM Express [Type 7 Starter Kit Plus](#), which includes everything needed to design and develop COM Express systems based on Type 7 modules.

To learn more, visit www.mouser.com/adlink-express-bd7-com.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 700 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About ADLINK Technology

ADLINK Technology is enabling The Internet of Things (IoT) with innovative embedded computing solutions for edge devices, intelligent gateways and cloud services. ADLINK's products are application-ready for industrial automation, communications, medical, defense, transportation, and infotainment industries. Their product range includes motherboards, blades, chassis, modules, and systems based on industry standard form factors, as well as an extensive line of test & measurement products and smart touch computers, displays and handhelds that support the global transition to always connected systems. Many products are Extreme Rugged™, supporting extended temperature ranges, shock and vibration.

Trademarks

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