



News Release

Advanced Digital Logic (ADL) Releases ADLS15HD, a 3.5-inch CPU using the Intel Atom Z510 / Z530 Processor, with clock speeds up to 1.6GHz

SAN DIEGO, CA, January 12, 2010 – Advanced Digital Logic (ADL) a leading provider of embedded industrial single board computers, systems, peripherals and accessories for embedded and stand alone applications, today announced the release of its ADLS15HD 3.5-inch form factor single board computer. The [ADLS15HD](#) 3.5-inch embedded single board computer is based on the Intel® Atom™ and the Intel® US15W (Poulsbo™) chipset. The Intel Atom is a single core processor built on a 45nm process that boasts an impressive 2.64 watts TDP (CPU only). The Intel Atom delivers the benefits of genuine Intel architecture to small form factor and thermally constrained markets. The Intel US15W System Controller Hub (SCH) incorporates all functions of legacy GMCH and ICH architectures into a single die.

The ADLS15HD takes advantage of these features by delivering high performance and low thermals in a compact 3.5-inch form factor. The Intel graphics controller drives graphics up to 1600x1200@60Hz by way of onboard DVI and/or 18/24 bit LVDS LCD. Memory is added via an SODIMM200 socket that will accept up to 2GB of DDR2-400/533 DRAM. In addition to ACPI/APM functions, the ADLS15HD has the following features: EIDE, 8xUSB 2.0, 2xRS232 COM ports, PS/2 Keyboard and Mouse, AC'97 and HDA 5.1 Sound, and Dual Gigabit Ethernet LAN. The ADLS15HD also supports ELO Resistive Touch Screen and has an isolated 24VDC input that is 20-30VDC tolerant for powering the board. The ADLS15HD also provides a built-in UPS (1 second std.) that will allow for a fast but safe shutdown.

“The ADLS15HD is robust in that it gives you all the benefits of a larger board with minimal power consumption and low thermals, when compared to its larger counterparts. The board runs on a 24VDC power source and includes an on-board UPS; and its functionality can be expanded with an on-board miniPCI. This makes it ideal for mobile installations,” said Matt Henry, Product Manager-Verification Engineer of Advanced Digital Logic.

For additional information about the new ADLS15HD, please visit <http://www.adl-usa.com/products/cpu/datapage.php?pid=ADLS15HD> . For system pricing and availability, contact ADL at 858.490.0597 or email sales@adl-usa.com.

About Advanced Digital Logic, Inc.

Serving the PC/104 Industry for over 15 years, ADL is recognized as a leading provider of embedded industrial single board computers, systems, peripherals and accessories for embedded and stand alone applications. Our products are designed and manufactured under ISO 9001 with state-of-the-art equipment and tested during production at the factory. All computer boards and systems are individually tested at ADL before shipping.

Advanced Digital Logic serves customers in a variety of markets, including but not limited to Military, Medical, Transportation, Communication, Security, Process Control, and Science. ADL is headquartered in San Diego, California. For more information about ADL, visit its website at www.adl-usa.com.