



## News Release

### Advanced Digital Logic (ADL) Releases ADLGS45PC - Intel Core 2 Duo / Celeron M 1.20GHz - 2.26GHz, PCI/104-Express Single Board Computer

SAN DIEGO, CA, January 26, 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 ADLGS45PC single board computer. The [ADLGS45PC](#) is based on the Intel® Core™ 2 Duo / Celeron® M Small Form Factor (SFF) processors and the Intel® GS45 Express (Cantiga™) chipset. Built on the 45nm process, the ADLGS45PC sets a new superior performance standard in an embedded PCI/104-Express form factor. The Intel® Core™ 2 Duo SFF and Celeron® M SFF processors guarantee the benefits of genuine Intel® architecture to small form factor and thermally constrained markets. The Intel® GS45 Express GMCH coupled with the Intel® ICH9M-E I/O controller hub offers an impressive list of high performance features that makes full-size board makers nervous.

The ADLGS45PC takes advantage of these features by delivering high performance and managed thermals in a compact form factor. The Intel® graphics controller drives a CRT to 2048x1536 and/or 18/24/36/48 bit LVDS LCD to 1600x1200 resolution. Memory is added via an SODIMM204 socket that will accept up to 2GB of DDR3-1066 DRAM. In addition to ACPI/APM functions, the ADLGS45PC has the following features: 8x USB 2.0, 2x RS232/422/485 COM ports, PS/2 Keyboard and Mouse, LPT, AC97 Sound / 7.1 HDA, and 2x 10/100/1000Mbit LAN. The ADLGS45PC also includes 4 onboard SATA 3GB ports with RAID 0/1/5/10 support.

“The ADLGS45PC comes equipped with features that many of the full size motherboards don’t offer. The onboard 4-channel SATA 3GB RAID coupled with onboard dual Gigabit Ethernet LAN ports, 2GB of DDR3-1066MHz, and Dual core processing up to 2.26GHz, brings a new level of performance and data power to PC/104, even before PCI/104-Express peripherals are added,” said Matt Henry, Product Manager-Verification Engineer of Advanced Digital Logic.

For additional information about the new ADLGS45PC, please visit <http://www.adl-usa.com/products/cpu/datapage.php?pid=ADLGS45PC> . For system pricing and availability, contact ADL at 858.490.0597 or email [sales@adl-usa.com](mailto: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](http://www.adl-usa.com).

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