



PRESS RELEASE JULY 2010

Ultra low power, highly integrated embedded PC for rugged applications

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The new Tiny-LX embedded PC from Advanced Micro Peripherals puts Pentium class performance into challenging environments, using the industry standard 3.7" x 4.0" PCI-104 form factor. The onboard 500MHz AMD Geode LX800 CPU features low power fan-less operation, even in extended temperatures to +85°C. The board can also be supplied with conformal coating for high humidity applications.



The Tiny-LX is fully compatible with Windows-XP/CE/XP-Embedded, Linux and a wide range of embedded real time operating systems including VxWorks and QNX Neutrino. The board features a fast 10/100MBit Ethernet controller for efficient LAN communications. The integrated display controller

can drive analog VGA and TTL digital flat panel TFT displays simultaneously, with a wide range of display resolutions. The Tiny-LX also features an integrated audio codec with stereo inputs and outputs. Standard peripheral controllers for disks, keyboard, mouse, serial and USB ports are provided. The board operates from a single +5v supply.

The high performance 32-bit PCI expansion bus provides a high bandwidth interface to video encoders, frame grabbers, FireWire interfaces and additional video graphics and overlay controllers.

Applications include thin server/client applications, video IP streamers, video surveillance and digital video recorders, vehicle / airborne embedded controllers, medical instrumentation, portable test equipment and industrial automation.

About Advanced Micro Peripherals (www.amp-usa.com)

Advanced Micro Peripherals is a leading manufacturer of embedded video solutions - offering the latest MPEG-4 / H.264 codecs and video overlay / annotation technologies on a wide range of embedded board form factors including PC/104-Plus, CompactPCI, PCI and miniPCI modules. Founded in 1993, AMP is focused on rugged, long-life embedded board products and supporting software development kits for video capture, annotation, display and recording. From its design center near Cambridge (UK), AMP also offers Design Services to meet the needs of specialized customer requirements.

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