



News Release

For Immediate Release

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Amulet Technologies Introduces Fully Integrated TFT Display Module for Embedded Applications

Campbell, Calif. – December 17, 2009 – [Amulet Technologies](http://www.amulettechnologies.com), a recognized leader in graphic user interface (GUI) solutions, announced today their new 4.3” [GEMmodule™](#), a fully integrated production display module targeting a variety of applications in the embedded market space. The module features Amulet’s popular [GEM Graphical OS Chip™](#) for color displays which supports GIF, JPEG and PNG graphic formats in 24-bit color, plus alpha-blending found in high-end consumer electronic products. The 4.3” GEMmodule™ is perfect for embedded system product designers looking for an all-in-one drop-in graphic user interface solution.

The GEMmodule™ is a 480x272 TFT LCD with a 16:9 aspect ratio, white LED backlight, integrated resistive touch panel, and features the [GEM Graphical OS Chip™](#). The GEM chip includes the LCD controller, touch panel decoder, ARM7 processor, built-in font converter, Unicode support and a royalty-FREE Graphical Operating System, which manages the entire user interface. The module includes a 32megabit serial flash for storing GUI pages. In addition, the backlight can be controlled via the touch panel. The GUI is easy to program with either an HTML editor or [GEMstudio™](#), Amulet’s new GUI design tool via USB.

“We designed the GEMmodule™ to meet our customer demands for a production module. The 4.3” TFT is one of the most popular size displays on the market today for embedded product designs,” stated Jim Todd, Amulet’s Sales Director. “For customers looking for a drop-in GUI solution it’s the best as all the hardware and software required to design and run the GUI are included.”

The 4.3" GEMmodule™ targets small to medium size OEMs integrating GUIs to any embedded product. The [GEMmodule™](#) is available now starting at \$219 USD through [Amulet franchised distributors](#).

About Amulet Technologies

Amulet is a recognized industry leader in graphical user interface (GUI) solutions. Amulet's unique Graphical OS in Silicon™ and GEMstudio™ enable manufacturers to cost-effectively implement a visually appealing GUI into their products to enhance the end user's experience. Amulet's GUI solutions – which range from display [controller chips](#) to fully integrated [modules](#) – simplify the product development cycle by separating GUI development from the application's development. This approach dramatically reduces time to market and overall system costs. Visit Amulet at www.amulettechnologies.com.

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