VESA® Announces Updated Embedded DisplayPort™ (eDP) Specification Version 1.1a; Defines Requirements for the Video Interface to the LCD Panel in Notebook PCs and other Embedded Applications

Milpitas, CA., November 17, 2009 – The Video Electronics Standards Association (VESA) issued its updated Embedded DisplayPort (eDP) specification, a companion standard to DisplayPort Version 1.1a. The new eDP™ version provides an updated definition of requirements and options for the standard panel interface in embedded display applications.

The eDP specification defines a particular set of DisplayPort features to be used in embedded applications including notebook PCs and all-in-one PCs. eDP version 1.1a includes further definition on display authentication for protected video content, addresses Sink device AUX channel interrupt requests, and makes enhancements to the 4-lane connector used for 3D display applications.

eDP is based on the VESA DisplayPort 1.1a standard. The DisplayPort standard is oriented toward external applications with emphasis on interoperability between system vendors and interconnection cables. Newer PC chipsets and GPUs designed for notebook PCs support both DisplayPort and eDP from the same video port connections, enabling configuration options to the system integrator.

"Ongoing enhancements of the eDP specification will continue," says Craig Wiley of Parade Technologies, VESA Board Member and Notebook Task Group Chair. "As system integrators realize the flexibility, display control capability, and power savings of the eDP interface, they want to see these enhancements standardized in the panel industry. Notebook PCs with eDP panels will hit mass production in Q1 2010, and is expected to overtake the volume of notebooks with traditional LVDS panels by 2012."

The Embedded DisplayPort (eDP) standard can be downloaded free of charge from www.displayport.org or www.vesa.org

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