

# Globalscale Technologies, Inc. Introduces D2Plug Developer Kit Powered By Marvell's PXA510 Application Processor

**Powerful hardware platform and open-source software deliver unprecedented capabilities**

SAN JOSE, Calif., May 4, 2011 /PRNewswire/ -- Globalscale Technologies, Inc. today announced the release of the D2Plug, a developer kit featuring Marvell's PXA510 Application Processor. With PC-caliber performance, the D2Plug is an embedded, developer-friendly platform for rapid prototyping, application development, evaluation and interoperability testing of cloud-based service deployments. Ideal for software developers, independent software vendors and systems integrators, the DevKit significantly accelerates time-to-market for connected devices. The D2Plug is also available for bundling and white labeling-and is housed in an innovative and attractive fan-less enclosure.

(Logo: [https://investor.marvell.com/image/Marvell\\_logo.jpg](https://investor.marvell.com/image/Marvell_logo.jpg))

Marvell's PXA510 Application Processor offers many advantages. Running up to 1GHz, an ARMv7 CPU delivers excellent computational performance. PC-class peripherals include SATA, dual PCIe, GbE MAC and beyond. The processor supports Ubuntu Linux 10.4 for out-of-the-box testing, along with Android 2.2 and a full Internet experience certified for Adobe Flash Player 10.1. For video, the PXA510 features a multi-format decoder for 1080P playback and a 25 MTPS 3D graphics accelerator.

For storage, the D2Plug ships with a USB combo connector, an SD card slot and two USB 2.0 host ports. The device has 1GB of DDR3 memory and 8GB of solid-state memory in the form of an integrated eMMC Flash device. For networking, an RJ-45 connector provides 10/100/1000 MBPS Ethernet. An integrated wireless module based on Marvell's 88W8787 IC provides 802.11b/g/n Wi-Fi and BT3.0 connectivity.

The D2Plug also features the same innovative enclosure as Globalscale's DreamPlug DevKit, the company's latest generation of plugcomputer. By placing the AC-DC adaptor on the side and spreading heat via conductive methods, the device achieves much better thermal performance to enable faster computing and high-speed I/O interfaces. Finally, as a member of Marvell's plugcomputer family of products, developers can always access source code and binaries at [www.plugcomputer.org](http://www.plugcomputer.org).

## **BASIC SPECIFICATIONS:**

- Marvell PXA510 Application Processor with ARMv7 ISA compatible core running at 800MHz
- Integrated 2D/3D graphics acceleration
- Boot device: 4MB SPI NOR Flash for U-Boot
- Flash memory: 8GB on Board eMMC for kernel and root file system
- SDRAM: 1GB DDR3 at 800MHz data rate
- 8787 Wi-Fi

"Marvell is very pleased to witness the D2Plug's commercial launch," said Jack Kang, director of Marvell's Mobil Business Unit. "The DevKit delivers exceptional, PC-like capabilities in plugcomputer form-an ideal, low-cost, quick-to-market platform for developers of connected devices."

"The D2Plug represents the best of Globalscale's value in today's quickly evolving ecosystem of applications and cloud-based service services," said Henry Chiu, vice president of sales and marketing for Globalscale Technologies. "Our collaboration with Marvell allows us to place best-in-class embedded solutions in the hands of some of the industry's most capable developers, vendors and integrators."

The D2Plug is available directly from the Globalscale website, or, for large-volume orders, via e-mail to our sales team.

## **About Globalscale Technologies**

Globalscale Technologies, Inc. provides complete Original Design Manufacturing (ODM) and superior Supply Chain Management services. With the release of the original SheevaPlug in 2009, Globalscale Technologies became the pioneer of Plug Computers. SheevaPlug helped instigate the Plug Computer revolution with over 10,000 units sold to developers worldwide. For more information on Globalscale Technologies, please visit <http://www.globalscaletechnologies.com>.

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