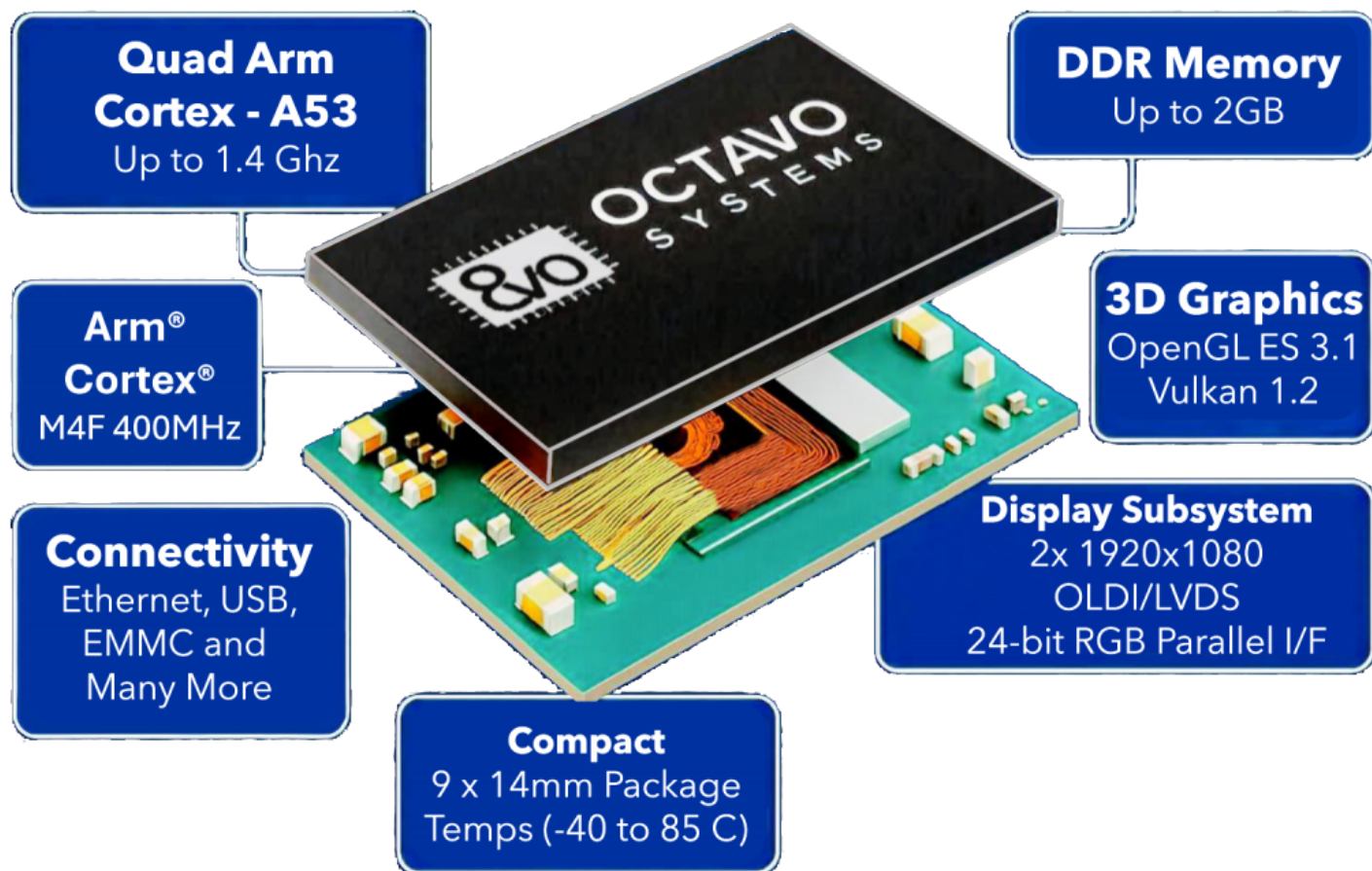


Octavo Systems Announces the OSD62x - The World's Smallest Computer System in a Package

The OSD62x-PM delivers full AM62x capabilities in a 70% smaller footprint, while significantly reducing PCB complexity, costs, and development time.



Sugar Land, Texas Aug 19, 2025 ([issuewire.com](https://www.issuewire.com)) - Octavo Systems Launches OSD62x-PM: The Smallest and Most Integrated AM62x SiP for Edge, HMI & Industrial Applications

Octavo Systems, a leader in System-in-Package (SiP) solutions, today announced the availability of the **OSD62x-PM**, an ultra-compact 9 × 14 mm SiP module based on the Texas Instruments AM62x (AM623/AM625) MPU. The OSD62x-PM integrates the quad-core Cortex-A53 up to 1.4 GHz plus Cortex-M4F AM62x processor, DDR4 memory, and needed passives into a single 500-ball BGA package.

Targeted at space-constrained, high-performance embedded markets—including industrial automation, IoT edge gateways, Human Machine Interfaces, and edge AI—the OSD62x-PM delivers full AM62x capabilities in a 70% smaller footprint, while significantly reducing PCB complexity and development time.

“We’re helping engineers get to market up to 9 months faster while” said Harley Walsh, President of Octavo Systems. **“By integrating critical components into one SiP, we remove the**

burden of integrating DDR-PCB and passives. By removing one of the most error prone parts of a design, hardware designers can focus on creating revolutionary products thanks to the space and time savings.”

Engineers can also evaluate the SiP using the OSD62-PM-BRK evaluation board—a 4” × 1.2” open-hardware platform with full access to all processor I/O, available today with schematics, BOM, layout, and open-source Linux, TI SDK, and Yocto support.

Early customers have reported dramatic development savings. One senior engineer stated: **“Saved us a re-spin on this board... perfect fit for our project because of the size and easy to work with”**.

The OSD62x-PM is available now in production volumes. For samples, design guides (including schematic checklist), or more information, visit octavosystems.com. To order through our channel partners, visit [Digikey](#) or [Mouser](#).

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