

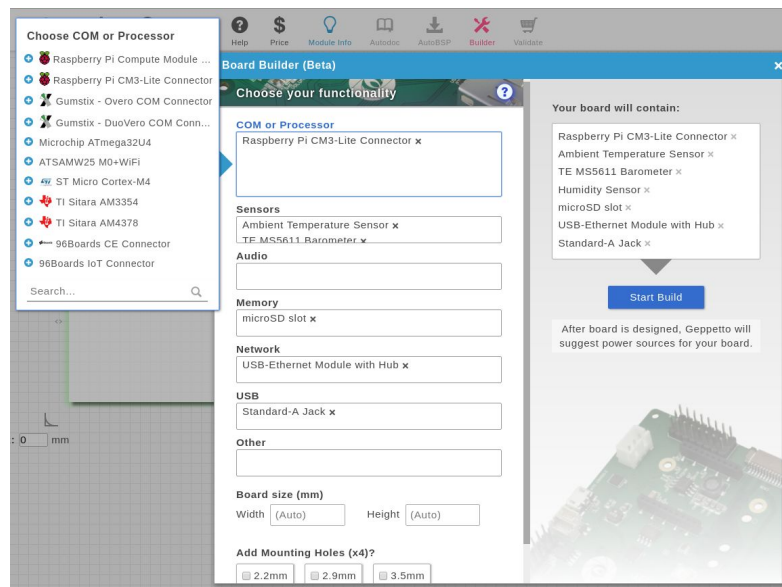


# Board Builder Changes EDA

## Electronic Design Direct From Requirement List

**REDWOOD CITY, CA. Nov. 7, 2018**— Gumstix®, Inc., the leader in design-to-order embedded hardware systems, announced the release of [Board Builder](#), another free service in the Geppetto® Design-To-Order (D2O) tool revolutionizing electronic design automation.

With Board Builder, you can select items from a checklist, including computer-on-modules, memory, network, sensors, audio, USB, and other features. You can then select a custom size, and you're presented with 2D and 3D views of board diagrams that you can further manipulate.



“Board Builder is a painless, and rather addictive way to do hardware prototyping — sort of a Candy Crush.” *Eric Brown, [LinuxGizmos.com](#)*



## [Board Builder Quick Start](#)

Gumstix will continue to expand module selection and support for new platforms in the Geppetto libraries. Once the board is created, free Automated Board Support Package (AutoBSP), technical documentation (AutoDoc) and 3D previews can be instantly downloaded to anyone who designs a hardware device in the Geppetto online D2O.

“The future of EDA involves a wave of automation far exceeding the onscreen drawings by electrical engineers. Next generation EDA is going to abstract and formalize the design requirements using the basic ideas of object-oriented programming, so high-level requirements can be exported in multiple formats” says Gordon Kruberg, CEO of Gumstix, “ Our own tool, Geppetto, exports traditional CAD formats, PDF, and device-tree formats.”

[Geppetto<sup>®</sup>-D2O](#), is a free online design and production tool for creating custom expansion boards. A hardware design can be completed in hours, and ready to ship in fifteen business days. As they design, users can compare alternatives for features and costs, create multiple projects, and go straight from a design to an order in one session. Gumstix engineers verify all Geppetto-manufactured devices before shipping. The initial total manufacturing cost is \$1999 with reduced rates for quantity discounts and repeat board spins. Gumstix products and quantity discounts are available at the [Gumstix online store](#).

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**Gumstix, Inc.** For more information, visit [www.gumstix.com](http://www.gumstix.com).