



## Customer Newsletter - April 2022



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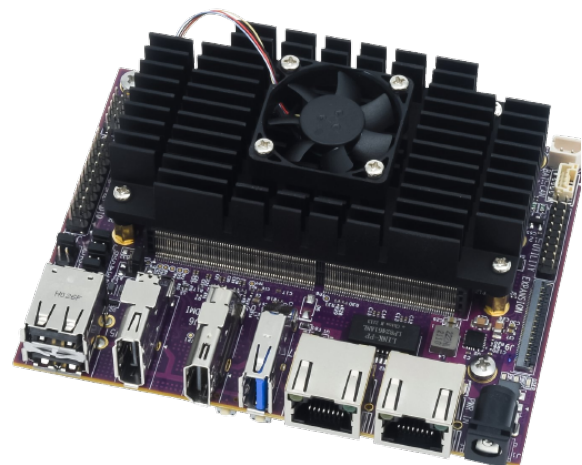
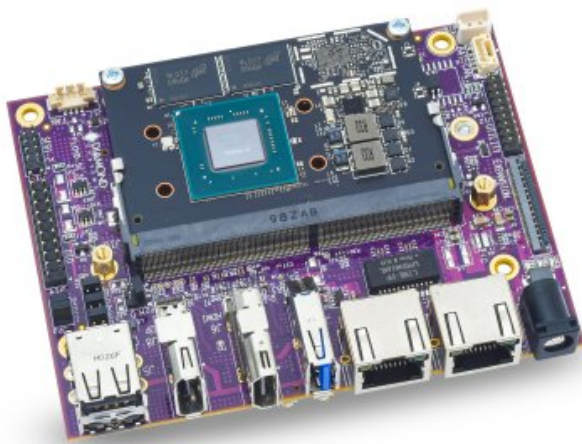
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### NVIDIA® JETSON™ BUSINESS CONTINUES TO GROW

Our Nvidia Jetson product line continues to grow in popularity. Diamond Systems was just awarded a million order for our new **Floyd-SC** carrier board with the new Xavier NX 16GB RAM module installed. This customer will purchase approximately 2000 units for use in manufacturing inspection and quality control. Cameras are used to inspect, count, and sort the items coming down the line. The entire quantity will be built and delivered during the remainder of 2022, with initial quantities delivered within approximately 4 weeks from date of order receipt. This program is an excellent example of the power of Nvidia Jetson computing for industrial applications combined with Diamond's superior supply chain capabilities.



#### Floyd-SC assembly with Jetson module (left) and module + fan sink (right)

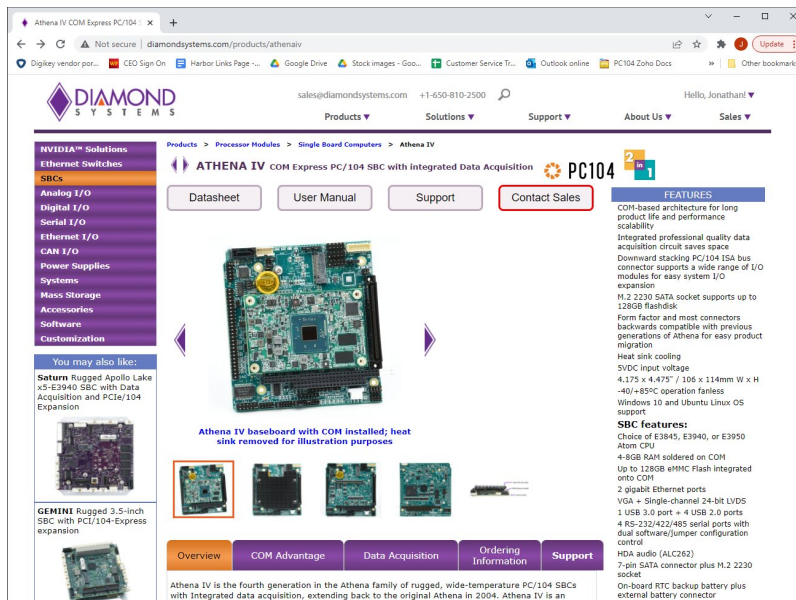
Check out our growing line of **Nvidia Jetson** carriers, sub-assemblies, and complete systems on our [Nvidia Jetson product page](#). Also learn how to take advantage of our **Custom Solutions Service** to create a perfect-fit solution for your Jetson computing application optimized for today's difficult component

sourcing situation.



## WEBSITE UPDATES

Have you seen our website recently? Our product pages have been completely redesigned to make the most commonly requested information more readily available. Along the top of the page are buttons for datasheets, user manuals, support documents, and contacting Sales. You can also navigate from product to product using arrows at the top of the page. New, better quality photos and "photo sliders" show off products better. On the left and right side of most pages we show related products to make it easier to find the right product for your application. A tab system organizes information and helps minimize scrolling. Support files are now available right on the product page instead of having to go to a different section of the site.



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## THE NEW SATURN SBC: IT'S FAR OUT, AND TOUGH ENOUGH FOR THE JOURNEY



OUR NEWEST SBC IS **FAR OUT.**  
AND TOUGH ENOUGH FOR THE JOURNEY.

- ▲ x5-E3940 CPU / 8GB ECC RAM / -40/+85 C
- ▲ Analog and Digital I/O
- ▲ Latching connectors
- ▲ Thicker PCB / PCIe104

image: NASA

**SATURN**

**DIAMOND**  
SYSTEMS

Consider our new **Saturn** SBC for any new project that requires mid-range Atom level CPU performance, long-term availability, and a high degree of ruggedness or I/O. Saturn contains a full suite of rugged features that make it perfect for vehicle or wide temperature applications. It also contains a professional quality data acquisition circuit with autocalibrated A/D and D/A channels, as well as minicard, PCIe/10 and M.2 expansion sockets. Plus the Apollo Lake CPU has a 15-year lifecycle commitment from Intel. All these features, Saturn is quite possibly the most amazing embedded computer board ever to exist in the entire history of our solar system!

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## EPSILON EPS-8100 END OF LIFE AND REPLACEMENT PRODUCT

Our hugely popular **EPS-8100** family of Ethernet switches is no longer manufacturable due to the sudden end of life of critical sole-source power supply components from a company acquired by Intel. Although our last time buy program for these components was announced, it did not materialize in time to meet our production schedules and customer needs. As a result we have fast-tracked a replacement product that is directly form / fit / function compatible with the EPS-8100 but uses a different power supply circuit. Please

read the **EOL notice** for more information. You can learn about the new **EPS-8130** replacement product too.



Almost all current customer orders for EPS-8100 will be fulfilled with our final production of boards, however all new orders will have to convert to the new EPS-8130, which is expected to be available in early May.

## UPCOMING TRADE SHOWS - COME SEE US IN PERSON!

We will be exhibiting at two embedded systems trade shows in June 2022. Come visit us and see all our latest embedded computer boards, Ethernet switches, and rugged systems.

- **Embedded Technology Convention:**  
**June 8-9, Las Vegas, Nevada, USA**
- **Embedded World:**  
**June 21-23, Nuremberg, Germany**



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