

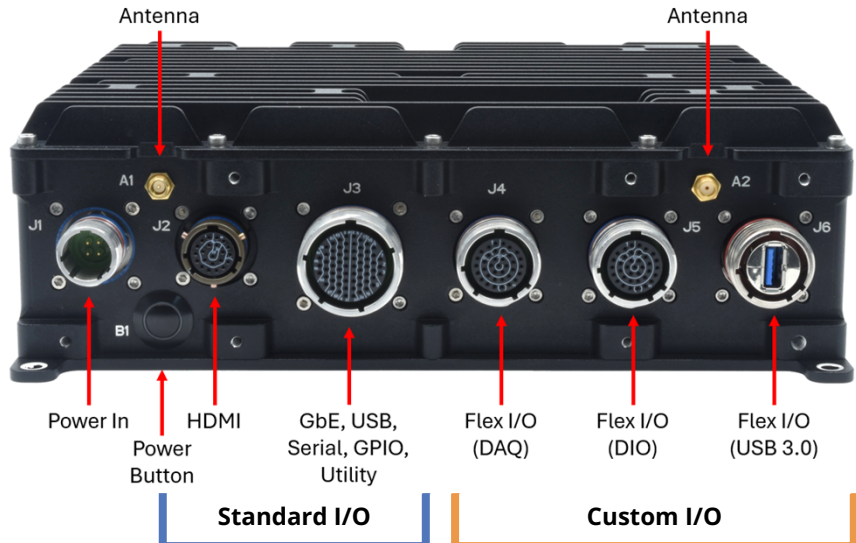
SabreCom Series Rugged computers with maximum configuration flexibility

Diamond Systems delivers military-grade rugged embedded computing systems and Ethernet switches with breakthrough pricing and delivery times. Features include:

- ✓ Intel 11th / 13th Gen Core i7 / Xeon CPUs with up to 64GB RAM
- ✓ IP67 protection tested
- ✓ MIL-STD-810H shock and vibration
- ✓ MIL-STD-461/704/1275 power supply
- ✓ Wide temperature up to -40 to +85C
- ✓ MIL-DTL-38999 connectors
- ✓ High degree of configurability and customizability
- ✓ Full suite of standard PC I/O including 2 GbE, 4 RS-232/422/485, 2 USB 2.0, GPIO, HDMI, VGA, and Audio
- ✓ Optional 16-bit analog I/O
- ✓ Short leadtimes & competitive prices
- ✓ 3-part enclosure design for improved ruggedness and sealing

SabreCom-JSP

Extreme I/O Expansion



SabreCom-JRS

Compact and Expandable

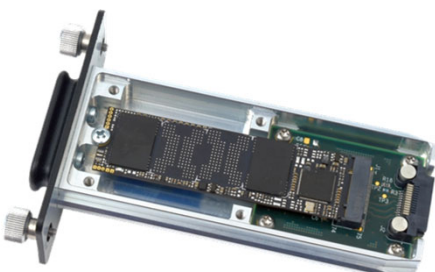


- ✓ 20% smaller than SabreCom-JSP
- ✓ Single I/O expansion connector
- ✓ Choose from a range of predefined I/O expansion configurations or create your own configuration
- ✓ Quick Ship

SabreCom-CE1

Combination Rugged Computer + Ethernet Switch

- ✓ Removable flash drive
- ✓ Service panel with HDMI, USB 3.0, and replaceable RTC battery
- ✓ I/O expandable with minicards



Rugged removable drive supports NVMe and SATA flash drives up to 4TB



RUGGED ETHERNET SWITCHES



SabreNet Ethernet Switches feature 1GbE copper and 10GbE copper or fiber SFP+ connectivity. They include Layer 3 routing software with optional IEEE-1588 PTP support. The embedded switch software is managed via a web-based graphical user interface as well as an RS-232 port. The software can be upgraded to offer customer-specific branding and functionality. These systems are built to IP67 standards and are qualified to MIL-STD-810G shock and vibration specifications.



SabreNet-12000

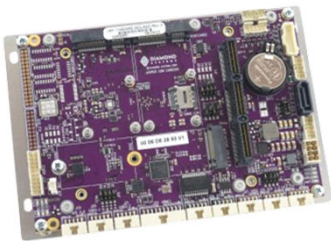
12 1GbE Copper ports

SabreNet-24000

Top: 24 1GbE Cu, 4 10GbE Cu, MIL-STD-461 filter
Bottom: 24 1GbE Cu, 4 10GbE fiber with Xbeam connectors, MIL power supply with 461/704/1275 compliance

Discover the full breadth of Diamond's rugged and I/O-rich embedded computing product line!

Embedded Computer Boards



Processors range from Atom up to Core i7 and Xeon. All products are rated -40 to 85°C.

- COM-based designs provide performance scalability, smaller footprint, and extended lifetime.
- Many SBCs include high-quality data acquisition on board.
- Many products are qualified to MIL-STD-202H shock and vibration specifications.
- Rugged features include thicker PCBs and latching connectors.

Ethernet Switches



Ethernet switches range from 8 to 64 ports with a combination of 1Gbps / 2.5Gbps copper and 2.5G/10G SFP+ sockets. Embedded management software with web and serial interfaces is included on all products.

- Boards provide a complete solution on a single board.
- Modules provide the core technology and embedded software to take the risk and complexity out of designing a custom Ethernet switch.

NVIDIA® Jetson



NVIDIA® Jetson solutions support the latest generation of Jetson modules and related technologies.

- Carrier boards feature built-in I/O and expansion sockets
- Integrated assemblies contain the Jetson module installed and programmed along with a thermal solution
- Commercial- and military-grade systems are ready-to-deploy complete solutions.