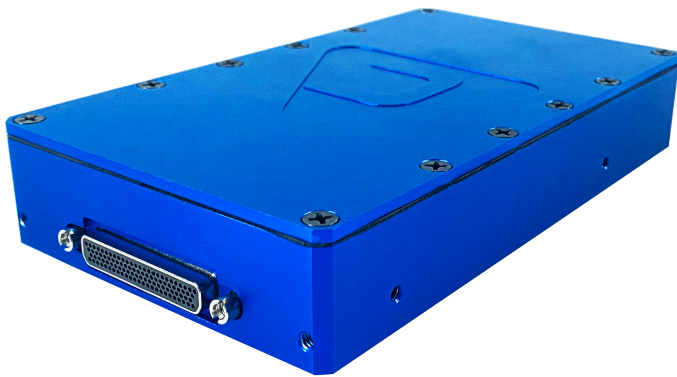# SDNA-LITE

## Software Definable Network Appliance LITE

SDN-A™ products are rugged, high performance, software programmable communications and computing appliances that enable the use of software-based VNFs for use as IP Routers, switching, computing, video transcoding, VoIP PBX, application servers, etc. The SDNA-LITE was designed from the ground up for use in harsh environment use cases.



The SDNA-LITE is extremely small, MIL STD 810/IP68 rugged, and very low power SDN-A. It features a single high-density connector that contains all its power and I/O, allowing for simple installation or removal from use.

Custom wire harnesses are available to meet application requirements, such as tailor-made length, interfaces, input/output, gender, etc. The SDNA-LITE  also offers multiple mounting points and thermal solution mounting points in support of various worn and rigidly mounted applications.

## Specifications

- 6.1" long by 3.6" wide by 1.15" tall
- Weighs <1.1lb.
- Offers either Intel E3845, E3827, E3950, and E3940 Multi-core processors
- Options for 2 or 8 GB of RAM
- Options for 2 or 8 GB of board level FLASH memory or use of MICRO SD or mSATA
- (5) gigabit routed Ethernet ports
- (2) USB 2.0 ports
- Display port (4K video support)
- Stereo audio output/stereo audio input
- Designed to meet MIL STD 810 and IP68 rating
- Consumes 9-36VDC input (approx. 20 watts)

## Applications

- Unmanned Platforms (Land, Maritime, Aeronautical)
- Man-wearable applications
- Wheel and tracked vehicles, fixed-wing and rotary-wing aircraft
- Robotics
- Industrial Internet of Things (IIoT)
- Machine to Machine (M2M)
- Small, low power applications
- NSA Commercial Solutions for Classified (CSfC)
- Extreme rugged virtual machine server