

Ultra LITE

Software Definable Network-Appliance™

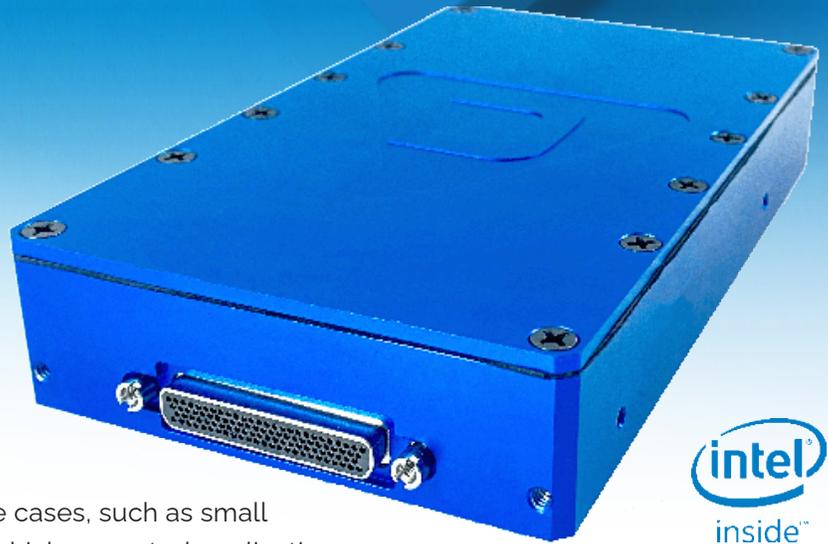
Sub U Systems' Software Definable Network-Appliance™ (SDN-A™) products are rugged, high performance, software programmable communications and computing appliances that enable the use of software-based Virtualized Networking Functions for use as IP Routers, switching, computing, video transcoding, VoIP PBX, application servers, etc. The SDN-A Ultra LITE was designed from

the ground up for use in harsh environment use cases, such as small drones, robots, soldier wearable, and military vehicle mounted applications.

Featuring an Intel E3950 processor, the SDN-A Ultra LITE offers up to 4 cores/4 threads and up to 8GB of RAM, supporting multi lightweight virtual machine use cases.

The SDN-A Ultra 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 of its power and I/O, allowing for simple installation or removal from use. The SDN-A Ultra LITE offers 5 routable gigabit Ethernet interfaces, USB interfaces, 4K Display Port interface, Serial and Console interfaces, as well as power and GPIO interfaces.

Custom wire harnesses are available to meet application requirements, such as tailor-made length, interfaces, input/output, gender, etc. The SDN-A Ultra LITE device 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

