



“DiNIS”™

Diver Navigation and Imaging System



TOP-SIDE PC OPTION PRODUCT SPECIFICATIONS

DESCRIPTION

DiNIS™ operates with Top-Side Mission Planning and Post-Processing Software and multiple 3rd party and Windows tools. This software is utilized for Dive Mission Planning, Analysis, and Reporting.

*Several Options are available for top side platforms For Military end users, particularly EOD, UDT/SEAL, Recon, and other special operators, we recommend the Ruggedized “Dell Latitude 14 Rugged Extreme”. This Laptop PC is a ruggedized Mil-Std PC intended for harsh environments. Qualified as IP-65, and Mil-Std 810G tested, the PC is installed in a specialized Kenautics enclosure Pelican Case with 1 TB disc storage and interfaces to the removable Disc drives used with **DiNIS™**, resulting in IP-67 protection (case closed).*

Kenautics recommends the Rugged Extreme Laptop, with upgraded i7 processor, for all diver operations carried out on RHIB and small surface craft.

All Specifications are manufacturer specific and subject to change without notice.

Processor

Intel® Core™ i7 vPro processor (Dual Core, Min. 2.6 GHz, 4MB cache)

Operating System

Windows 10, 64-bit English/French

Memory

16GB (Std) (1x16GB) DDR4 Mem (opt 4, 8GB)

Hard Drive

256,GB, 512GB or 1 TB (Std.) Solid State Drive with external Connectivity for DiNIS SSD Drive

Graphics Card

Intel® Integrated HD Graphics

Display

14.0" HD (1366x768) Outdoor-Readable Resistive Touchscreen

Wireless

Intel® Dual Band Wireless-AC 7260 802.11AC

Wi-Fi + BT 4.0 LE Wireless Card

Primary Battery

6-cell (65Wh) Lithium Ion battery with ExpressCharge™

DiNIST™ Detailed Specifications:

Warranty

3 Year ProSupport and 3 Year Rapid Return for Repair

Ports, Slots & Chassis

Ports: USB 3.0 (2), USB 2.0 (2), native RS-232 serial ports (2), RJ-45 gigabit Ethernet network connectors (2), stereo headphone/microphone combo jack, pogo-pin docking connector, VGA, HDMI Slots: Memory card reader; ExpressCard 54 mm or PCMCIA; M.2 slots (2 internal); Optional DVD+/-RW

Dimensions and weight2

Dimensions: (WxDxH) 14.0" x 9.7" x 2.03" (356 x 247 x 52 mm)

Weight: Starting at 7.79 lbs. (3.54 kg) with 6-cell battery and no optical drive

Regulatory

Regulatory model: P45G

Regulatory type: P45G001 Energy Star 6.0, EPEAT MIL-STD-810G testing: Transit drop (72",60",48"; single unit; 78 drops), operating drop (36"), blowing rain, blowing dust, blowing sand, vibration, functional shock, humidity, salt fog (optional with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal extremes, thermal shock, freeze/thaw, tactical standby to operational

Operating thermal range: -20°F to 145°F (-29°C to 63°C);

Non-operating range: -60°F to 160°F (-51°C to 71°C)

IEC 60529 ingress protection3: IP-65 (dust-tight, protected against pressurized water)

Hazardous locations: ANSI/ISA.12.12.01 certification capable3 (Class I, Division 2, Groups A, B, C,D)

Electromagnetic interference: MIL-STD-461F certified3

CONTACT

Kenautics, Inc.

607 Cypress Hills Dr

Encinitas, CA 92024 USA

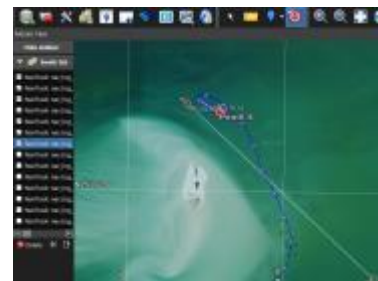
www.kenautics.com

+1-(760) 697-2939



The recommended Dell Latitude 14 Rugged Extreme Laptop provides superior power and performance for processing and displaying mission planning and analysis data using Kenautics Top side Multi-asset, multi-diver, Survey, Mission Planning, Processing, software can display many divers per mission at the same time.

Mission Planning

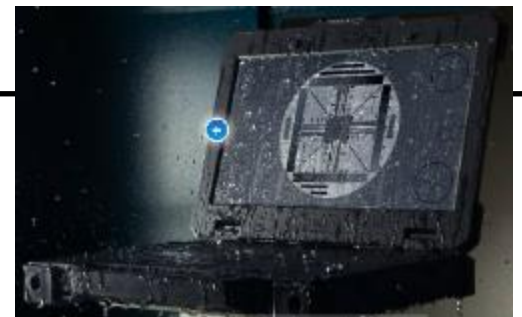


Mission Execution

Mission Analysis



Mission Reporting



Dell Laptop images courtesy of Dell Computer, Inc..