

Intel inside



Microsoft® Windows®



Capacitive Touch



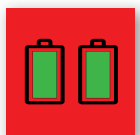
Connectivity



Robust Design



IP65



Hot-Swap<sup>1)</sup>



Data collections



Sunlight readable, Night Vision



Fanless Design

## FIDS Zeno

Designed for the toughest of jobs – in the harshest of environments!

The FIDS Zeno Fully Rugged laptop has been skilfully engineered for both indoor and outdoor use, including the most extreme of environments. Its solid aluminum-magnesium alloy chassis, sealed fanless design and built-in customization possibilities, an IP65 rating, MIL-STD 810G & MIL STD 461G, ANSI-C1D2 plus 6 feet drop survivability certifications makes the FIDS Zeno one of the most rugged devices in its class.

Powered by 8th Generation Intel Core processors and seamless ultra high-speed data transmitting capabilities the FIDS Zeno is packed with features and a host of built-in customization possibilities.

A stunning 14" full outdoor viewable HD display with optimized multi-touch technology offering the highest contrast ratio for enhanced viewing from any angle, hot-swappable battery technology for non-stop usage, multiple I/O connection ports includes two RJ-45 ports, two RS-232 serial ports, ExpressCard 54 and PCMCIA Type II slots, USB-C, USB 3.1 and USB 2.0.

User customization options allows the FIDS Zeno to adapt easily making it one of the most unique all-round fully rugged laptops on the market to date.

**For more information, please contact [mail@forest-it.com](mailto:mail@forest-it.com)**



Solid enclosure



Expansion ready

**Technical data**

**PRODUCT NAME**

- FIDS Zeno Laptop

**CPU**

- Turbo Boost Technology
- Intel® Core™ i7-8650U vPro™ (8th Gen) 1.9GHz (up to 4.2GHz, 8MB cache)
- Intel® Core™ i7-8550U (8th Gen) 1.8GHz (up to 4.0GHz, 8MB cache)
- Intel® Core™ i5-8350U vPro™ (8th Gen) 1.7GHz (up to 3.6GHz, 6MB cache)
- Intel® Core™ i5-8250U (8th Gen) 1.6GHz up to 3.4GHz, 6MB cache)

**MEMORY**

- 2 slots 8GB up to 32GB (2400MHz DDR4)

**STORAGE MEMORY**

- 256GB SSD
- 1TB HDD<sup>1)</sup>
- 512GB SSD<sup>1)</sup>
- OPAL 2.0 SSD<sup>1)</sup> or
- FIPS 140-2<sup>1)</sup>
- 2nd storage (SSD)<sup>1)</sup>

**DISPLAY**

- 14.0" FHD (1920 x1080)
- 1000 nits DynaVue®
- Sunlight Readable Display
- Capacitive Multi-Touch
- Finger/Water Touch Mode
- Glove Touch mode
- Selectable Stylus function

**GRAPHICS**

- Intel® UHD Graphics 620



**Forest it Design**

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

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**OPERATING SYSTEMS**

- Windows® 10 Pro

**CAMERA**

- Integrated 2.0 MP web-cam with shutter design

**ENVIRONMENTALS**

- IP65
- MIL-STD-810G (6 feet drop 26 faces, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temp, Temperature Shock, Humidity, Explosive Atmosphere, Solar Radiation, Salt Fog, Fungus Resistance)
- MIL-STD 461G (Electromagnetics)
- ANSI C1D2 12.12.01 (Hazardous environments)

**TEMPERATURE**

- **Operation temperature:** - 20°C ~ 60°C (- 4°F to 140°F)
- **Storage temperature:** - 51°C ~ 71°C (- 60°F ~ 160°F)
- **Humidity:** 5% ~ 95% non-condensing

**AUDIO**

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 2
- Keyboard volume and mute controls

**POWER SUPPLY**

- AC adapter : 100-240V, 50Hz-60Hz, 90W

**COMMUNICATIONS**

- Integrated 10/100/1000 Ethernet
- Intel® Dual Band Wireless AC 9260 (802.11a/b/g/n/ac)
- Bluetooth® V5.0
- Dedicated GPS Module (UBLOX-NEO-M8N)<sup>1)</sup>
- 4G LTE multicarrier mobile broadband<sup>1)</sup>
- RF antenna pass-through for GPS, WWAN, and WLAN<sup>1)</sup>

**KEYBOARD & POINTING**

- 2 user-definable keys (P1/P2)
- RF signal slide-switch
- Standard membrane keyboard
- LED backlight membrane keyboard<sup>1)</sup>

**BATTERY PACK**

- Main battery Li-Ion, 10.8V, 7800mAh, 16 hours<sup>2)</sup>
- 2nd battery Li-Ion 10.8V, 4700mAh, 9 hours<sup>1)2)</sup>
- Bridge battery 5 minutes swap time<sup>1)</sup>

**DIMENSIONS (LxBxH)**

- 356 x 280 x 50 mm (14 x 11 x 1.97 inches)

**WEIGHT**

- 3.6 kg (7.94 Pounds)

**I/O-PORTS**

- USB 3.1 (type A) x 2
- USB 3.1 (type C)
- USB 2.0 (type A)
- Audio in/out (combo jack)
- microSD card (microSDXC)
- 10/100/1000 Ethernet (RJ-45) x 2
- VGA port (D-sub,15-pin)
- DP port
- HDMI port (type A)
- Serial port (RS-232: D-sub, 9-pin) x 2
- Docking connector (41-pin Pogo)
- SIM card
- Smart card reader
- DC-In jack
- PCMCIA Type II
- ExpressCard 54 or
- PCMCIA Type II
- RF antenna pass-through for GPS, WWAN, and WLAN<sup>1)</sup>

**MEDIA BAY**

- (One Option Only)
- DVD super multi<sup>1)</sup>
- 2nd battery<sup>1)</sup>
- 2nd storage (SSD)<sup>1)</sup>

**SECURITY**

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Easy removable SSD
- Smart card reader
- Stealth mode
- Night vision mode
- Kensington lock
- Fingerprint scanner<sup>1)</sup>
- RFID reader<sup>1)</sup>

**WARRANTY**

- Laptop 2 years
- Accessories & Battery 1 year

**INBOX PACKAGE**

- AC-adapter 90W

**ACCESSORIES**

- Extra AC-adapter 90W
- 2 Bays Battery Charger
- Car Adapter (11-27V DC)
- Office Dock w adapter
- 2nd battery for media bay
- Multi DVD for media bay
- Screen Protector Film
- Ergo Pro Shoulder Strap
- Extra Main Battery
- Extra Stylus w. Tether
- Vehicle Dock

<sup>1)</sup> Optional

<sup>2)</sup> Due to configuration