

RUGGED LAPTOP

RS13

SLIM & COMPACT



- The slim yet durable laptop gives excellent outdoor usage experiences
- Powered with Intel® i7-7600U Processor to enhance your working efficiency
- Reliable CNC milled aluminum case with MIL-STD-810G & IP65 compliant to withstand harsh and extreme environments.
- Upgraded with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army) available.



RUGGED LAPTOP RS13



Items	Descriptions
Platform	– Intel® Kaby Lake-U Platform
Operation System	– Windows 10
Processor	– Intel® Core™ i7-7600U Processor – 4MB Intel® Smart Cache, up to 3.90 GHz
Graphic	Intel® HD Graphics 620
Display	– 13.3" (1920 x 1080) FHD LCD – Optical Bonding – Brightness: 350 nits ¹ Optional: – Brightness: 900 nits ¹
Memory	– 8GB DDR4-2400/2666 Optional: – 16GB/32GB DDR4-2400/2666, up to 32GB
Storage²	– 128GB 2.5" SATAIII SSD x 1 Optional: – 256GB/512GB/1TB 2.5" SATAIII SSD x 1
Audio	– HD Audio and Stereo Speakers Optional: – Embedded Digital Mic
Camera	– Front Camera 1M
Sensor	– Ambient Light Sensor
Keyboard	– 83-key with Backlight (Membrane Type)
Touchpad	– Resistive Single-Touch Touchpad
Buttons	– Power Button
LED Indicators	– Power/S3 (Green/Flashing Green) – SSD/Heater (Green/Orange) – Charge/Battery low (Orange/ Flashing Orange)
Security	– Password Security (Supervisor/User password) – Kensington Lock Slot Optional: – TPM 2.0
Case	– CNC milled Aluminum
Color	– Black – NATO Green
Environmental Specifications	– Operating Temperature: -20°C ³ ~ +60°C ⁴ – Storage Temperature: -40°C ~ +70°C Optional: – Operating Temperature: -30°C ⁵ ~ +60°C ⁴
Dimensions	338 x 265 x 32 mm
Weight	Approximately 3.2 kg

Power	
Battery	– Battery Pack BR3B3A: Li-polymer 11.1V/6040mAh
Input Power	– 2-pin DC-in – 90W, 100-240VAC, 50/60Hz – 19V Optional: – Military 3-pin DC-in – 12~32V with BVA & Surge Protector

Wireless & Communications	
LAN	– 10/100/1000 base-T Ethernet – 1st LAN: Intel® I219LM Optional: – 2nd LAN: Intel® I210
WLAN/ Bluetooth®	Optional: – Intel® Dual Band Wireless AC9260 (802.11 a/b/g/n/ac) – Bluetooth® 5.0
GNSS	Optional: – GPS/GLONASS

I/O Interfaces	
Bottom	– Dock Under Port ⁶ x 1
Left	– 1 st LAN RJ45 x 1 – USB 3.1 Gen. 1 Type-A x 1 – USB 3.1 Gen. 1 Type-A x 1 (1.5A Fast Charging)
Right	– Storage 2.5" SATAIII SSD
Rear	– DC-in x 1 – Serial Port DB9 ⁷ x 1 – Display Port or optional VGA ⁸ x 1 Optional: – Serial Port DB9 ⁹ x 1 – Fischer I/O ¹⁰ : – USB 2.0 – VGA Port ⁸ – 2nd LAN – Audio – COM ¹¹

Accessories	
External Vehicle Adapter	– EVA 1275 – EVA19040
AC Adapter	– DC-in Jack – 90W, 100-240VAC, 50/60Hz
Dock Under	– DURS

Certifications	
Certifications	– CE/FCC/UKCA – WEEE – REACH – RoHS – POPs – IP65 (without I/O caps) – MIL-STD-810G – MIL-STD-461G (Ground Navy) ¹² – MIL-STD-461G (Ground Army) ¹²

¹Varies from display configurations.

²User-removable.

³Instant Cold Boot via AC Mode.

⁴via AC Mode.

⁵Cold Boot via Heater.

⁶Support PCIe, USB 3.1, USB 2.0, +Vbata/1A & 5V/1A.

⁷USB to COM, Default RS232.

⁸Standard VGA (DB15) are mutually exclusive with Fischer VGA.

⁹Default LPC interface, COM port card.

¹⁰Choose 1~3 out of 5 as below non-repeatable

¹¹OS Selectable: RS232 x 2 or RS422 x 2.

¹²Contact your sales representative for more details.



Version: 1.0.6

- Specifications subject to change without notice.
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