



LIZARD® RS13

FULL-RUGGED 13.3" NOTEBOOK

The Lizard® RS13 is a revolution for mobile applications and a perfect addition to rodas proven Rocky notebooks and Panther tablets, which are usually installed in vehicles. It is a full-rugged 13" Notebook that is ultra-flat and lightweight with a housing shaped of solid aluminum. The RS13 packs all the performance needed and in a much more in a compact design.

Compared with the Rocky notebooks, the weight and height could be reduced by more than 50% to 3.2 kg and 31 mm. Despite the smallest installation space and low weight, customer-specific design requirements can be implemented for instance with the integration of military round connectors. Thus, roda remains true to its customization philosophy. Without any compromises, the fanless Lizard® RS13 meets the requirements of IP65 protection (with open caps and optional AC adapter), MIL-STD-810G (environmental) and optional MIL-STD-461G (EMC) and Tempest Zone 1.

+ 2. GENERATION FORM-FIT-FUNCTION

- + Flat and compact design
- + Intel® Core™ i7 processor (7. Gen.)
- + Up to 32 GB DDR4 RAM
- + Full-HD LCD (1920x1080 Pixel)
- + Windows 10 support
- + IP65
- + MIL-STD-810G
- + MIL-STD-461G Ground Navy
- + **OPTIONAL:** MIL-STD-461G Ground Army
- + **OPTIONAL:** SDIP 27 Level B (ER)



RS13

+ DISPLAY

LCD 13.3" Full-HD (1920x1080)
LED backlight
Sunlight readable

+ CPU

Intel® 7th Gen. Core™ i7-7600U processor,
4 MB cache, up to 3.90 GHz

+ CHIPSET

Intel® Kaby Lake U platform

+ GRAPHICS

Intel® HD Graphics 620

+ MEMORY

DDR4 2133MHz
up to 32 GB (4x SO-DIMM slots)

+ STORAGE

Exchangeable 2.5" SATA III SSD (1x slot)
+ OPTIONAL: M.2 NVME SSD (1x slot)

+ INTERFACES

2x USB3.1 (1x fast charge)
1x GBit LAN (RJ45)
1x DisplayPort
1x COM (DB9)
1x DC-In (2-Pin)
1x docking connector (POGO-Pin)

+ OPTIONAL:

1x MIL DC-In (3-Pin)
1x VGA (trade-off with Displayport)
1x DockUnder docking solution

+ OPTIONAL:

up to 3x MIL Fischer connectors possible
1x VGA, 1x Audio, 1x GBit LAN, 1x USB2.0,
2x COM (RS232, RS422)

+ CONNECTIVITY [WLAN / BT / GPS]

+ OPTIONAL:

Intel® Dual Band Wireless AC9260
• WLAN 802.11 a/b/g/n/ac
• Bluetooth 5.0
Ublox Neo-M8N GPS/GLONASS

+ POWER SUPPLY

Li-polymer battery, 11.1 V, 6040 mAh
AC-adaptor 90 W, 100-240 V, 50-60 Hz

+ OPTIONAL:

Integrated vehicle adaptor 12-32 V with
surge protection

+ SECURITY

TPM 2.0

+ OPERATING SYSTEM

Windows 10 Pro

+ DIMENSIONS [W×H×D]

338 x 31.5 x 265 mm

+ WEIGHT

3.20 kg

+ PROTECTION CLASS

IP65

+ ACCESSORIES

- rugged IP65 AC-adaptor AC90
- rugged DC/DC-converter ROD01.2
- External battery charger
- External DVD(RW)-drive
- Adapter cables for MIL-interfaces
- Transportation bag
- Front handle
- Mounting plate for vehicle integration
- ShockMount
- DockUnder docking station / port replicator

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	-20 °C to +60 °C OPTIONAL: -30 °C heater	-40 °C to +70 °C
TEMPERATURE SHOCK	N/A	-20 °C to +60 °C
HUMIDITY	N/A	95%

EMI	STANDARD	OPTIONAL
MIL-STD-461G	Ground Navy	Ground Army

TEMPEST	OPTIONAL
	SDIP 27 Level B (ER)



CUSTOMIZATION:

Need anything not included in the data sheet? roda products are designed to enable customization to your specific program requirements. Please contact your roda sales team member to find the best solution for your requirements.

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roda
RUGGED IT & ELECTRONICS

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