



ROCKY RK12

FULL-RUGGED 15.1" NOTEBOOK

The Rocky notebook with its outstanding IP65 protection concept, guarantees water and dust resistance even with uncovered interfaces and removed drives.

Only components with an extended temperature range are integrated in the Rocky notebooks. This allows the Rocky notebooks to be used in extreme temperatures and under the influence of extreme vibrations. The constant form factor in the 5th generation has served many customers for years showing the benefit of form, fit and function.

The Rocky RK12 is perfectly suited as a computer for installation in protected and armoured vehicles and aircrafts, with the addition of military connectors and suitable accessories – which is greatly appreciated by many users.

+ 5. GENERATION FORM-FIT-FUNCTION

+ CUSTOMIZATION READY

- | | |
|--|---|
| + Intel® Core™ i7 processor (6 th Gen.) | + IP65 |
| + Up to 64GB DDR4 RAM | + MIL-STD-810G |
| + XGA LCD (1024x768 Pixel) | + MIL-STD-461G Ground Navy |
| + OPTIONAL: UXGA LCD (1600x1200 pixel) | + OPTIONAL: MIL-STD-461G Ground Army |
| + Windows 7 & 10 support | + OPTIONAL: SDIP 27 Level B (ER) |



RK12

+ DISPLAY

LCD 15.1" XGA (1024x768)
LED backlight
Sunlight readable
+ OPTIONAL: LCD 15.1" UXGA (1600x1200)

+ CPU

Intel® 6th Gen. Core™ i7-6822EQ
processor, 4 MB cache, up to 2.80 GHz

+ CHIPSET

Intel® Skylake Plattform | QM170 Express

+ GRAPHICS

Intel® HD Graphics 530

+ MEMORY

DDR4
up to 64 GB (2x SO-DIMM slots)

+ STORAGE

Exchangeable 2.5" SATA III HDD / SSD

+ FLEXBAY (EXCHANGEABLE)

Optical drive: DVD±RW
+ OPTIONAL:
Second 2.5" SATA III HDD / SSD
Second Li-Ion battery, 10.8 V, 8700 mAh

+ INTERFACES

2x USB2.0 (1x fast charge)
2x USB3.1 Gen. 1
1x PS/2
1x GBit LAN (RJ45)
3x Audio (3.5 mm jack)
1x DisplayPort
1x VGA (DB15)
1x DVI (with roda display remote)
2x COM (DB9)
1x Express Card (PCIe)
1x DC-In (2-Pin)
1x docking connector
+ OPTIONAL:
1x MIL DC-In (3-Pin)
1x Fiber-LAN (100FX, 1000LX, 1000SX)
additional 1x GBit LAN (RJ45)
additional 2x COM (DB9)
1x DockUnder docking solution

+ CONNECTIVITY [WLAN / BT / GPS]

+ OPTIONAL:
Intel® Dual Band Wireless AC8265
• WLAN 802.11 a/b/g/n/ac
• Bluetooth 4.2
Ublox Neo-M8N GPS/GLONASS

+ POWER SUPPLY

Li-ion battery, 10.8 V, 8700 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
+ OPTIONAL: Smart Card Reader

+ OPERATING SYSTEM

Windows 7 Pro / 10 Pro

+ DIMENSIONS [W×H×D]

353.8 x 78.7 x 301 mm

+ WEIGHT

5,50 kg

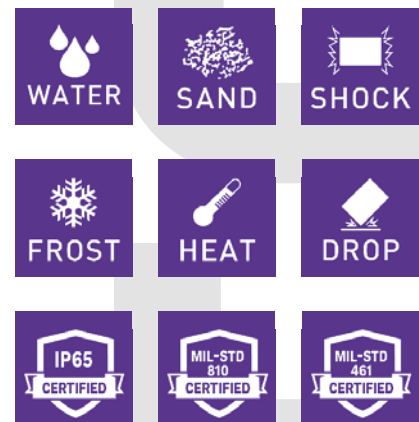
+ PROTECTION CLASS

IP65

+ ACCESSORIES

- rugged IP65 AC-adaptor AC90
- rugged DC/DC-converter ROD01.2
- External battery charger
- Transportation bag
- Stormcase (rugged transportation case)
- Mounting plate for vehicle integration
- ShockMount
- DockUnder docking station (different versions available)
- FlexBay module (exchangeable with ODD)
- the FlexBay allows nearly endless possibilities for interfaces or enhancements

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	-20 °C to +55 °C OPTIONAL: -30 °C heater	-40 °C to +70 °C
TEMPERATURE SHOCK	N/A	-20 °C to +60 °C
HUMIDITY	N/A	95%
EMV	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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