PANTHER DK13

FULL-RUGGED
12.1" WINDOWS PANEL-PC

With the DK13 of the mission proven Panther series, roda features two extreme rugged Panel-PCs for integration in armored vehicles. The DK13 with 12" form factor features a Intel® Kaby Lake platform and the Intel® Core™ i7-7600U, with up to 32 GB of RAM.

In terms of equipment variants, there are almost no limits. In addition to the standard interfaces DC-In, USB, GLAN and COM, a variety of optional features are available. Both Panthers are specially designed for customer-specific adaptations and can thus be flexibly adapted at any time and be modified to the needs of the customer and the conditions in the vehicle. IP65, MIL-STD-810 and MIL-STD-461 certifications are part of the standard configuration of the Panther devices. roda has many years of experience and has become the supplier of choice for many vehicle integrations.

+ **DESIGNED FOR VEHICLE INTEGRATION**

+ **CUSTOMIZATION READY**

+ Intel® Core™ i7 processor (7th Gen.)

+ Up to 32 GB DDR4 RAM

+ XGA LCD (1024x768 pixel)

+ Windows 10 support

+ IP65

+ MIL-STD-810G

+ MIL-STD-461G Ground Navy

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RUGGED IT & ELECTRONICS

DK13

+ DISPLAY

LCD 12.1" XGA (1024×768)
LED backlight
Sunlight readable

+ TOUCH

Resistive single touch screen

+ 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 2133 MHz
Up to 32 GB (1x SO-DIMM slot)

+ STORAGE

Exchangeable 2.5" SATA III SSD

+ CAMERA

+ OPTIONAL: Webcam 1MP

+ INTERFACES

2x USB3.1 (1x fast charge)
1x GBit LAN (RJ45)
1x COM (DB9)
1x DC-In (2-Pin)
1x ExpressCard/54
1x SD card slot
1x SIM card slot
1x docking connector for DockLite DL

+ OPTIONAL:
1x MIL DC-In
1x DockLite DL port replicator

+ 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-ion battery, 10.8 V, 8700 mAh
AC-adaptor 90 W, 100-240 V, 50-60 Hz
Integrated vehicle adaptor 12-32 V with
surge protection

+ SECURITY

TPM 2.0

+ OPERATING SYSTEM

Windows 10 Pro

+ DIMENSIONS [W×H×D]

310 x 255 x 54 mm

+ WEIGHT

2.50 kg

+ PROTECTION CLASS

IP65

+ ACCESSORIES

• Second / backpac Li-Ion battery,
  10.8 V, 8700 mAh
• External battery charger
• Transportation bag
• Mounting for vehicle integration

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	-20 °C to +50 °C **OPTIONAL:** -30 °C heater	-40 °C to +71 °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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