PANTHER DE13
FULL-RUGGED
7" WINDOWS TABLET

The compact Panther series features the lightweight DE13 tablet, without losing robustness and high performance for mobile operations. The devices in 7" and 10" form factor are based on the Intel® Kaby Lake Y platform, the Intel® Core™ m7-6Y75 and the Intel® HD Graphics 515 graphic card which are integrated in a fully rugged aluminium housing.

The Panther series comes with a wide selection of customization options. In addition to the DC-In, interfaces from USB, COM, GLAN, VGA, audio, headset can also be designed as military Fischer connectors for even greater robustness. This also allows the devices to be expanded and combined with a wide range of peripherals and other devices. When it gets tough out in the field you don't have to worry, the DE13 is IP65 rated as well as certified to both MIL-STD-810 and MIL-STD-461 standards.

+ **RUGGED AND MOBILE DESIGN**

+ Intel® Core™ i7-7Y75 processor
+ 16 GB LPDDR3 RAM
+ WXGA LCD (1280x800 Pixel)
+ Windows 10 support

+ IP65
+ MIL-STD-810G
+ MIL-STD-461G Ground Navy

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DE13

+ **DISPLAY**

LCD 7" WXGA (1280 x 800)
Sunlight readable

+ **TOUCH**

Resistive multi touch screen

+ **CPU**

Intel® 7th Gen. Core™ i-7Y75 processor,
4 MB cache, up to 3.60 GHz

+ **CHIPSET**

Intel® Kaby Lake Y platform

+ **GRAPHICS**

Intel® HD Graphics 615

+ **MEMORY**

16 GB LPDDR3 1066 MHz

+ **STORAGE**

M.2 NVME SSD (1x slot)

+ **CAMERA**

+ **OPTIONAL:** Webcam 1MP

+ **INTERFACES**

1x USB-C
1x DC-In (3-Pin)
1x docking connector
+ **OPTIONAL:**
Up to 3x MIL Fischer connector possible
1x VGA, 1x Audio, 1x GBit LAN, 1x USB2.0,
2x COM (RS232, RS422)

+ **CONNECTIVITY [WLAN / BT / GPS]**

+ **OPTIONAL:**
Intel® Dual Band Wireless AC8265
• WLAN 802.11 a/b/g/n/ac
• Bluetooth 4.2

+ **POWER SUPPLY**

Li-ion battery, 7.4 V, 4400 mAh
AC-adaptor 36 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]**

250 x 144 x 30.5 mm

+ **WEIGHT**

1.15 kg

+ **PROTECTION CLASS**

IP65

+ **ACCESSORIES**

• adapter cable for MIL-interfaces
• transportation bag
• 2nd battery 7.4 V 4400 mAh Li-ion

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

EMI	STANDARD	
MIL-STD-461G	Ground Navy	

WATER SAND SHOCK

FROST HEAT DROP

IP65 CERTIFIED MIL-STD 810 CERTIFIED MIL-STD 461 CERTIFIED

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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