



PANTHER DF8A

FULL-RUGGED 5" ANDROID HANDHELD

Small and sophisticated, but a truly rugged mobile PC. Their innovative technology makes the roda handheld devices ideal for mobile use by offering proven resistance to environmental influences within a great formfactor. The Panther handhelds with their aluminum housing allow improved certification according to MIL-STD-461, IP65 and Tempest.

The Panthers are also exceptionally flexible with a an almost endless amount of customization options. These options include two possible SMA antennas for GPS, WIFI+BT, two of the five interfaces (USB 3.0, COM, GLAN, audio, headset) which can be implemented as military Fischer or ODU connectors on the bottom.

+ LIGHT AND MOBILE

+ CUSTOMIZABLE MIL-CONNECTORS

- + Freescale ARM® Cortex-A9 i.MX6
Quad core processor, 1.00 GHz
- + 2 GB LPDDR2 RAM
- + WVGA LCD (800 x 480 pixel)

- + Android™ 7.1.1
- + IP66
- + MIL-STD-810G
- + MIL-STD-461G Ground Navy



DF8A

+ DISPLAY

LCD 5" WVGA (800 x 480)
LED backlight
Sunlight readable

+ TOUCH

Capacitive touch screen
OPTIONAL: resistive touch screen

+ CPU

Freescall ARM® Cortex-A9 i.MX6
Quad core processor, 1.00 GHz

+ MEMORY

2 GB LPDDR2

+ STORAGE

32 GB ROM eMMC
+ OPTIONAL:
Micro SDHC card slot, up to 32 GB

+ CAMERA

+ OPTIONAL: Webcam 1MP (front side)

+ INTERFACES

1x SD card slot
1x micro SD card slot
+ OPTIONAL:
1x Expansion connector (right side)
up to 3x MIL Fischer connector (bottom)
SMA connector for WLAN, GPS

+ CONNECTIVITY [WLAN / BT / GPS]

WLAN 802.11 a/b/g/n/ac
Bluetooth 3.0
+ OPTIONAL:
Ublox Neo-M8N GPS/GLONASS

+ POWER SUPPLY

Li-ion battery, 3.7 V, 3520 mAh
AC-adaptor 20 W, 100-240 V, 50-60 Hz
+ OPTIONAL:
Integrated vehicle adaptor 12-32 V with
surge protection

+ SECURITY

+ OPTIONAL: TPM 2.0

+ OPERATING SYSTEM

Android™ 7.1.1

+ DIMENSIONS [W×H×D]

171 x 94 x 28 mm

+ WEIGHT

370 g

+ PROTECTION CLASS

IP66

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%

EMI	STANDARD
MIL-STD-461G	Ground Navy (with resistive touch screen only!)

+ ACCESSORIES

- double capacity Li-ion battery, 7040 mAh, 3.7 V (9 hrs)
- multi charger for battery pack
- USB client adapter cable for DC-In
- carry bag



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.

roda computer GmbH reserves the right to change without notice the information.

roda
RUGGED IT & ELECTRONICS

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