ROCKY DF6

NEW!

fully rugged handheld

Multiple choices for multiple connectors

The ROCKY DF6 packs a lot of connectivity options into a very compact platform:

- Top - In addition to an embedded antenna, there are two SMA connectors for your choice of external antennas.
- Bottom - Three different locations for your choice of connectors.
- Left - Micro SD/SIM slot

Rugged and Reliable

The lightweight, power-thrifty ROCKY DF6 not only leverages its ARM architecture for low SWaP, it also can operate in the harshest environments. Independently certified for MIL-STDs 810G/461F and IP66, it has 25 years of AMREL rugged expertise built into it.

Ideal for your application

Whether you're fighting on the front-lines, or working on an oil rig, the modular and easily configurable ROCKY DF6 can be easily tailored to your needs. Perfect for any kind of field work, the ROCKY DF6 can be used for:

- Battlefield communication & data networking
- Public Safety patrol duties
- Non-destructive testing (Oil & Gas)
- Onsite data collection
- Meter reading, sensor management, mining, construction, and more!

Connectors

For each of the three connectors, choose:
RS232, USB, 10/100 Mbps LAN, VGA, or Headset

Embedded Antenna

SMA Connectors

For an embedded antenna and two SMA connectors choose: WiFi, Bluetooth®, WWAN or GPS

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810G, MIL-STD 461F & IP-66 Certified	
Operating System	Android™ or Windows® Embedded CE 6.0	
CPU	TI AM3715 Processor 1 GHz Cortex™- A8	
Memory	512 MB	
Display	5" WVGA (480 x 800 pixel) with LED B/L	
	Single Touch Capacitive +	
	Sunlight Readable Screen,	
	Anti-Glare, Anti-Reflective Screen	
Storage	4 GB (ROM)	
Audio	Mono Speaker	
	Built-in Mic	
Function Key (front side)	Touch Type on Panel	
	3 Function Keys	
Buttons	Power on-off / Suspend / Input Lock Button (Top Right)	
	Volume Up/Down Button (Top Left)	
I/O Interface	**Right:**	**Top:**
	Micro SD/SIM slot	**Optional:** Embedded antenna x 1 (i.e. GPS)
		Optional: SMA connectors x 2
		(i.e. WiFi & Bluetooth®/WWAN/GPS)
	Bottom:	**Optional:** Sealed Fischer connectors x 3 (For each connector, choose 1: RS232, USB, 10/100 Mbps LAN, VGA, Headset)
Power	**Main Battery:**	**Optional:** Double capacity battery - 3.7V, 7040mAh
	Lithium-Ion Battery: 3.7V 3520 mAh	Li-ion battery pack
	DC-in / USB client:	**Optional:** Sealed DV-in 5V with
	Standard: Sealed Micro USB	LEMO Conn. (8pin)
	20W (5V/4A) AC Adapter	
Color	Black	
Overall Dimensions	6.73 in x 3.70 in x 0.96 in (with bumper guards)	
	(171 mm x 94 mm x 24.5 mm)	
Weight	0.99 lbs (450g)	

Integrated Options	Optional
Camera	5 Megapixel Camera Module
	Auto Focus with LED flashlight
Wireless LAN	WiFi: 802.11 b/g/n
Wireless WAN	Cellular (Cinterion PH8)
Wireless PAN	Bluetooth®
GPS	Ublox LEA-6H

Accessories	Optional
20W AC Adapter	Available
Multi-Battery Charger:	Available
1M USB Cable	LEMO 8p to USB
1M VGA Test Cable	Fischer 9p to DB15
1M RS232 Test Cable	Fischer 9p to DB9
1M MLAN Test Cable	Fischer 5p to RJ45
20cm USB Test Cable	Fischer 5p to USB
10cm Headset Test Cable	Fischer 5p to Audio Jack 3.5Φ
Carry Bag	Available
Stylus pen with Holder:	Available

[1] Computer is Linux compatible
* Contact us for more information
** Specifications subject to change without notice

Environmental Ratings	
MIL-STD 810G Certified	
Shock	516.6, Procedure I and IV
Vibration	A. 514.6, Procedure I, Category 20
	B. 514.6, Procedure I, Category 14
	C. 514.6, Procedure IV, Category 24
Rain	506.5, Procedure II
Humidity	507.5, Procedure II (aggravated)
Salt Fog	509.5
Altitude	Method 500.5, Procedure I and II
	Operating: 15,000 ft (4,572 m)
	Storage: 40,000 ft (12,192 m)
High/Low Temperature	Method 501.5, Procedure I and II
	Method 502.5, Procedure I and II
	Operating: -4°F to 122°F / -20°C to 50°C
	Storage: -40°F to 158°F / -40°C to 70°C
Temperature Shock	Method 503.5, Procedure I-A
	Operating: -4°F to 140°F / -20°C to 60°C
Explosive Atmosphere	Operation: Method 511.5, Procedure I
Solar Radiation	Method 505.5, Procedure I (Cycling Test)
	Figure 505.4-1 A1
MIL-STD 461F Certified	EMI/EMC
IEC IP-66 Certified	Dust-tight; water jets

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