

Rocky RF9



Fully rugged and fully loaded

The Rocky RF9 gives you the rugged reliability you expect plus a wide array of high-performance functionality. It's 17" HD screen and Intel Core 2 Duo 2.26 GHz processor make it ideal for viewing maps, running demanding apps and analyzing photo and video. And with a massive range of accessories and configuration possibilities, the RF9 lets you customize a solution that meets all your demands.

Built to take a beating

The RF9 is built from the ground up to withstand the harshest conditions over the long haul. It has a magnesium alloy casing, MIL connectors and is designed for operations down to -20 °C. This toughness has been proven on the ground time and time again with international combat forces.

Guaranteed performance

Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

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Technical Specification

CPU	Intel Core 2 Duo T9400 Penryn 2,53 Ghz, 6 MB Cache
RAM	RAM 1 - 8 GB DDR3 1066 MHz
Graphic	Integrated 32-bit 3D/2D gfx core with 1695 MB shared RAM
Storage	160 GB – 500 GB SATA HDD
Display	17.1 " WXGA+ (1440 x 900) LED Backlight, daylight readable LCD
Sound	Built in HD Codec with stereo speakers
Keyboard/mouse	87-keyboard, Standard keypad PS/2 compatible touchpad (works with water spray and gloves)
Interfaces (right)	1 x Flex Bay 1 x HDD Bay
Interfaces (left)	1 x PS/2 1 x IEEE1394 (Firewire) 3 x USB 2.0 3 x 3.5mm (Mic,Line-in/earphone) 1 x RJ45 LAN 1 x Express card 1 x RJ11 Modem
Interfaces (rear)	1 x DC in 10-32V 1 x DVI 1 x RGB DB15 1 x Docking Port 1 x Printer Port DB12 2 x Serial Port DB9
Interfaces (internal)	1 x mini PCI 2 x mini PCIe 4 x USB 2.0 2 x Serial (RS232, 422, 485)
Primary Battery	Removable 11,1 V 7200 mAh Lithium- Ion primary battery
Power Input	DC 10 V- 32V Built in Vehicle adapter 10-32 V
Case	Magnesium alloy
Dimensions	412.4 x 318.2 x 77 mm (W x D x H, with rubber bumpers)
Weight	5.6 kg (depending on configuration)
Certifications	CE, FCC, IP65(without protection caps), MIL-STD-810G* and MIL-STD-461F*

*Contact MilDef for full specifications of MIL-STD-810G and MIL-STD-461F

MIL-STD-810G	Operating	Storage
Altitude Method 500.5, (procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (procedure I, II)	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temp Shock Method 503.5 (procedure I)	-20 °C to 60 °C (-4 °F to 140 °F)	-
Shock Method 516.6, (procedure I)	40 G, 11 ms 122 cm (26 drops)	40 G, 11 ms 122 cm (26 drops)
Vibration Method 514.6, (category 14 & 20)	OH58A/C Helicopter and Composit wheeled vehicle vibration	-
Vibration Method 514.6, (category 1)	M548 Tracked Vehicle	-
Rain Method 506.5, (procedure II)	276 kPa, 5 Surfaces, 40 min/Surface	-
Humidity Method 507.5	-	Ten 24 h test cycles
Salt Fog Method 509.5, (procedure I)	-	Salt 5 ±1 %, 24 h wet + 24 h dry/cycle. Total 2cycles / 96 h

Standard Options

CPU	Intel Core 2 Duo P8400 Penryn 2.26 GHz, 3MB Cache
Flex Bay / Storage	Removable 3.5" CD-ROM, CD/RW, DVD-RW 2 nd SATA HDD with heater or secondary battery. Flexbay with DC, PCIe, USB, LAN, SATA and serial signals for customer specific modules.
Communications	10/100/1000Mbit LAN RJ45, WLAN 802.11 a/b/g/n, Bluetooth v2.1 EDR, WWAN HSDPA/UMTS/GSM/GPRS/EDGE, GPS, Modem v.92 56 K
Additional Connectivity	1 x PCMCIA II 2 x MIL Connector upgrade for RS232/422/485 etc. External COM3/4 RS232/422/485) 100 base FX fibre LAN (LC, Mini PCI)
Power	Built in vehicle adapter (12-32 V DC) Mil connector upgrade for DC Secondary battery 11.1V 7200 mAh Lithium- Ion Optional MIL-STD-1275B for DC input
Graphics	NVIDIA GeForce MXM 9300 Graphics, 512 MB DDR-II
Display	SWXGA+ (1680x1050) WUXGA (1920x1200)
Keyboard	89-keys backlit keyboard, Keyboard dust cover (for std keyboard)
MIL-STD-461F	Ground Navy, Ground Army