



ROCKY DR8-M Rugged Military 8.4" Display Tablet Computer Specifications



Unique "Customizable COTS" Design offers More Standard Interfaces for Greater Device Integration Options, and Faster, More Cost Effective Modifications/Customizations.

Need more? "Think Out of the Box" - AMREL's Team can Invent, Design, Test, and Manufacture a Computing Platform to Meet your Specific Needs for a Much Lower Cost of Ownership than Other Alternatives.

8.4" XGA Resistive Touchscreen with Heater Enables the DR8-M to operate down to -20 C Environments

Certified to MIL-STD 810F for Durability in the Most Extreme Environmental Conditions

Certified to MIL-STD 461E for Electromagnetic Emissions Shielding



AMREL/AMERICAN RELIANCE

ROCKY DR8-M Rugged Military Tablet Specifications

SPECIAL FEATURES

Certified to MIL-STD-810F & IP54	Certified to MIL-STD 461E for EMI
Rain, dust, vibration, & shock resistant design	LCD Protector / Rubber jacket (Military green)
Built in Heater for -20°C Operating Temperature	Magnesium casing (Military green)
Sealed ports & Connector covers	Standard internal mini-PCI LAN
Wireless capabilities	Programmable built-in glowing function keys (F1-F6)
Military connectors	

CPU

Intel ULV Core 2 Duo with 2MB Cache

MEMORY

1GB, up to 3GB DDR2 667MHz DRAM

STORAGE

Removable 2.5" SATA Shock-Mounted
Standard HDD 160GB (upgradeable)

OPERATING SYSTEM

Windows Vista® Business (2GB memory upgrade recommended for Vista®. XP downgrade option available)

DISPLAY

8.4" XGA (1024x768) Anti-Reflective Resistive Touchscreen w/ stylus & finger
Integrated 32-bit 3D/2D gfx core with 224MB shared RAM
LED backlight (optional)

AUDIO

Built-in AC97 16-bit sound card and stereo speakers

POWER SYSTEM

Primary Li-Ion 4800mAH battery; built-in DC power 12~32V
Universal AC Adapter 100V~240V 50/60Hz; 90W max output
Complies with military power source AC 110~220V 400Hz input
Military connector

EXPANSION SLOTS

1 x PCMCIA Type II & 1 x ExpressCard or 2 x PCMCIA Type II (optional)

Internal: 1 x Mini PCI 1 x Mini PCI Express 4 x USB 2.0
2 x IEEE1394 2 x Serial (TTL x 1, RS-232 x 1)

I/O PORTS

1 x GB LAN 1 x Serial (DB9)
1 x Docking 1 x Battery port for optional 2nd battery
1 x USB 2.0 1 x DC Jack with military connector

DIMENSIONS

9.8"W (250mm) x 7.4"D (190mm) x 1.65"H (45.2mm)

WEIGHT

4.2 lbs (1.9Kg)

OPTIONAL UPGRADES

- WLAN 802.11 a/b/g mini PCIe card
- Fax modem
- GPS
- HSDPA 3.5G
- Bluetooth 2.0
- 2 x PCMCIA Type II

DOCKLIGHT SPECIFICATIONS

- MIL-STD-810F & IP54 compliant
- Mounts directly to tablet or adjustable stand for ports expansion

1 x GB LAN 1 x Modem
1 x RGB 2 x Audio
2 x Serial (RS-232)
4 x USB ports: (2 x USB 2.0 & 2 x Proprietary USB)

Dimensions: 9.8"W (250mm) x 1.5"D (38mm) x 1.3"H (35mm)

Weight: 1 lb (0.45Kg) approximately

OPTIONAL ACCESSORIES

- 7200mAH Lithium-Ion secondary battery
- Solid State HDD
- Multi-battery charger w/ military connector
- External USB 89-key backlit keyboard (opt. 461E)
- Docking station (docklight + adjustable stand)
- Docklight (see specs on right)
- Adjustable stand –
 - Tilt mechanism & security lock w/ keys
 - Dimensions: 10.5"W (268mm) x 12.3"D (313mm) x 5.9"H (150mm)
 - Weight: 3.7lbs (1.6Kg)

Please note: Specifications are subject to change without notification.

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Rev. Original

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