

MRK8

RUGGED NOTEBOOK MEDICAL COMPUTING SOLUTIONS

The Premier Choice to Embed 3rd Party Proprietary Hardware

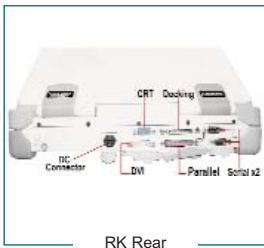


**3rd Party Internal
DAQ Card**

- Embed 3rd party medical technology for compact notebook solutions
- Integrate 3rd party medical peripherals for medical system solutions
- Latest 60601 and/or MIL-STD compliant computing platform



PRODUCT SPECIFICATIONS



Special Features

Certification to MIL-STD 461E Available
 Compliant to 60601 & MIL-STD 810F and IP55
 Rain, dust, vibration and shock resistant design
 Magnesium casing
 Sealed ports and connector covers
 Standard internal mini PCI LAN
 Wireless capabilities
 Internal ports: 4 x USB 2.0, 2 x serial

CPU

Intel Core 2 Duo with 2MB cache.
 North chipset: Mobile Intel 945GM Express.
 South chipset: Intel 82801 GBM ICH7-M

RAM Memory

1GB DDR RAM standard, expandable to 2GB

Storage

Removable 60GB HDD standard
 Standard CD-ROM interchangeable with swappable components (see accessories)

Display

15.1" XGA (1024 x 768) anti-reflective TFT LCD - Optional 15.1" SXGA
 Integrated 32-bit 3D/2D gfx core with 128MB shared RAM
 Optional dedicated VGA chipset: Nvidia MXMII 128MB or 256MB VRAM

Audio

Sound card
 Built-in stereo speakers
 Jack for external speakers, microphone and 1 line in

Keyboard

89-key non BackLit KB standard
 Resistive touch pad

Power System

Removable 11.1V/6600mAH Lithium-Ion battery.
 AC adapter 90V~240V 50/60Hz input. Complies with military power source AC 115V 400Hz

Expansion Slots

1 x type I/II & 1 x PCI express card. Internal expansion slots: 1 x mini PCI and 2 x mini PCI express (mini PCI can be changed to mini PCI express)

I/O Ports

2 x Serial	1 x Docking
1 x Parallel	2 x IEEE 1394(firewire)
1 x CRT	1 x PS/2
1 x GB LAN	1 x Mic
1 x DVI	1 x Speaker
2 x USB	1 x Line in

Dimensions & Weight

Dimensions: 351.6mm (13.8"W) x 294.2mm(11.6"D) x 78.7mm(3.1"H)

Weight: approx. 13.2 lbs w/CD-ROM and primary battery

OPTIONAL

Performance Options

Memory: up to 2GB
 Removable Hard Drives: up to 100GB
 Solid State HDD
 Resistive touchscreen
 89-key BackLit KB
 MIL-STD 461E

Device Integration Options

56K modem
 Military Connectors
 802.11 WLAN series devices
 GPRS
 GPS
 Bluetooth
 2 x external serial ports (left I/O port)

Accessories

Dual battery charger
 Rugged vehicle adapter 10Vdc~32Vdc
 Built-in vehicle adapter with military connector
 Horizontal Docking Station 2 x S, 1 x PS/2, 1 x CRT, 1 x LAN, 2 x 1394, 1 x DVI, 2 x USB (2.0)
 Vertical Docking Station 2 x S, 2 x USB, 1 x PS/2, 1 x CRT, 1 x DVI, 1 x 1394

Swappable components

FDD
 DVD/CD-RW
 DVD-RW
 2nd Li-Ion battery



*PLEASE NOTE: Specifications are subject to change without notification.