

## KEY FEATURES

Magnesium alloy housing is fully sealed; meets rigorous environmental specs of MIL-STD-810F

Integrated CD RW / DVD ROM or optional CD RW / DVD RW.

Intel Pentium M, 1.8 GHz Processor

Fingerprint image reader provides convenience and security

On-board digital video recorder

Motorola's Advanced Dock Solution with hot-docking capability and automatic antenna switching

The full-sized, feature-rich ML 900 features a sunlight readable, high resolution LCD Panel that provides high quality detailed graphical images, fingerprints and mugshots available in 12.1" or 13.3" configurations.

The ML 900 runs Windows® XP operating system and is compatible with Motorola's Public Safety applications such as Premier MDC™, Fireground, Tx Messenger™ and Airmobile™ software packages, as well as a host of third party applications

Innovative, patented antenna design

Motorola's patented thermal management solution

Field replaceable 3-D shock mounted hard drive



# ML 900

## Mobile Laptop Computer

With more than 75 years of technological innovations and over 30 years of wireless data expertise, Motorola has an answer for your mobile data needs.

Top to bottom, handle to hinge, the ML 900 is Motorola-designed and developed for remarkable flexibility, versatility and durability. This ultra-robust, ruggedized laptop meets and exceeds MIL-STD 810F standards. Full-sized and full-featured, it is our most advanced mobile laptop computer, ready to handle the demands of the mission-critical world.

Experience Motorola quality and design with advanced features such as Intel Pentium M 1.8 GHz processor; shock mounted removable 40 GB hard drive; high-resolution, glare-free XGA screen; full-sized 12.1" or 13.3" Touch display; integrated CD RW / DVD ROM or optional CD RW / DVD RW; Fingerprint ID reader for added security; fully-sealed keyboard, backlit optional; automatic external antenna switching with advanced hot-dock solution; on-board digital video recorder.

Find everything you imagine – and more than you expect – in the Motorola ML 900 Mobile Laptop!

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**SYSTEM FUNCTION (ML 900)**

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CPU	Intel Mobile Pentium M 1.8 GHz Processor with Motorola's patented thermal management system 400 MHz System Bus supports the Intel Speed Step Technology
Memory	Standard: 512 MB Max.: 2 GB (field replaceable)
Video Graphics Adapter	Intel embedded video graphics 855 GME (shared 64MB) MotionComp capability, support hardware aid for DVD playback Support Dual View function LCD/CRT simultaneous display capability 1600x1200x16bpp Max. resolution for external CRT
Display	12.1" or 13.3" transmissive XGA (1024x768) LCD touch Panel, optional Anti-Reflective 12.1" High Contrast Transmissive Touch
Hard Disk Drive	40 GB standard shock-mounted; Optional 80GB HDD
Drive Bay	Integrated CD RW /DVD ROM (Combo Drive) standard; CD RW /DVD RW (Dual Drive) optional
Floppy Disk Drive	External USB floppy (optional)
Keyboard	Full travel QWERTY, fully-sealed keyboard (backlit optional); rubberized version (optional)
Pointing Device	A touch-sensitive 4 button control pad with Microsoft Win Mouse function coexist and Touchscreen panel
Fingerprint Scanner	500 dpi
PCMCIA	Type II x 1 – CardBus support
Audio	AC97 audio support MS-Sound compatible Built-in two speaker (Stereo) Microphone in port Earphone/Speaker out port
I/O Port	1 x Serial 2 x USB 2.0 1 x RJ11 V.90/92 Modem 1 x DVI-I port 1 x Composite video input 1 x DC input 1 x Shrouded Hot-docking port 1 x RJ-45 100 Base-TLAN 1 x Fingerprint image reader
Battery	Smart Li-Ion 6000 mAh (Battery life: 3-3.5 hours under typical use)
AC adapter	Universal AC adapter – Input: 100-240 V, 50/60 Hz AC

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**PHYSICAL**

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Dimensions	11.7" x 9.4" x 1.8" / 296 mm x 239 mm x 45 mm
Weight	4.1 kg (9.0 lbs.)
Operating System	Support Windows XP

## ENVIRONMENTAL STANDARDS (MAIN SYSTEM)

Temperature	According to IEC 68-2-1,2,14 / MIL-STD-810F, Method 501.4, 502.4 Operating: -20°C to 50°C (Tested)
Humidity	According to IEC 68-2-30 / MIL-STD-810F, Method 507.4 5% to 95% RH, non condensing
Altitude	According to IEC 68-2-30 / MIL-STD-810F, Method 500.4 Operating: 15,000 ft Non-operating: 40,000 ft altitude change rate: 2,000 ft/min
Drip	According to MIL-STD-810F, Method 506.4
Shock	According to IEC 68-2-27 / MIL-STD-810F, Method 516.5 Operating: 15g, 11 ms, half sine wave Non-operating: 50g, 11 ms, half sine wave
Vibration	According to IEC 68-2-6 / MIL-STD-810F, Method 514.5 Operating: 10~55Hz/0.075mm, 55~500Hz/1.0g Non-operating: 10~55Hz/0.15mm, 55~500Hz/2.0g
Dust	According to MIL-STD-810F, Method 510.4 5 hours in dust-laden atmosphere
Drop	According to IEC 68-2-32 / MIL-STD-810F, Method 516.5 Survives 3 Feet free drop (base unit)
Enclosure	According to IEC 529, NEMA, MIL-STD-810F, Method 506.4, 510.4
Regulatory	FCC part 15, Subpart B, Class B, UL, CE, IC
Integrated Wireless Communication Options	1 x Moto Mesh 1 x Wide Area RF (Private DataTAC) 1 x Wireless LAN (802.11abg with LEAP) 1 x Global Positioning System (GPS) receiver 1 x Personal Area Network (Bluetooth™ or IR) RF passthrough for Wide Area and GPS when Docked (for external antennas)
Accessories and Options	Battery Vehicle Docking Station Mobile Office Display Solution (MODS: for dual display in-vehicle use) USB FDD (External) CD RW / DVD RW (Dual Drive)
Warranty	3 year full warranty standard (1 year consumables) 24/7 Phone support

ML 900 shown  
closed for convenient  
portability.





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