

M230

Getac

Getac M230 Fully Rugged Notebook

- Optional nVidia graphics
- 14.1" or 15" LCD display
- MIL-STD 810F and IP54 compliant
- Optional MIL-STD 461E
- Full magnesium alloy case
- Sealed ports and connector
- Sunlight readable LCD screen
- WLAN, WWAN and Bluetooth
- Fan-less design



Getac recommends Windows Vista® Business



The Getac M230 Fully Rugged Notebook

The M230 combines the processing power of an Intel® Core™2 Duo processor with optional nVidia Graphics chip making this a powerhouse platform for those customers requiring extensive graphics processing power in a slim fully-rugged design.

Equipped with 14.1" or 15" sunlight readable LCD screen, the M230 is designed for use in a work environment where direct sun would render a standard computer un-usable. Built-in WLAN with optional WWAN communication allows users to maintain network access for real-time data exchange.

In demanding and uncontrolled environments, security is always a concern. The M230 offers a built-in TPM chip and optional smart card reader to protect and secure your valuable data.

Its magnesium alloy case, Shock-mounted HDD, waterproof keyboard and touchpad make the M230 MIL-STD 810F and IP54 compliant and one of the toughest, feature-rich rugged Notebooks on the market.

The M230, with its rugged design and powerful software tools, is built to handle the task wherever your job takes you.

Getac M230

Specifications

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Ruggedness	MIL-STD 810F and IP54 compliant Optional UL1604 Class 1 Div. 2 (Grps A-D) Optional MIL-STD 461E compliant
Operating System	Genuine Windows Vista® Business Genuine Windows® XP Professional
CPU	Intel® Core™2 Duo L7400 1.5GHz processor 667 MHz FSB 4MB L2 cache
Memory	1GB DDR2 expandable to 4GB*
Storage	SATA 120GB HDD; optional 250GB** Optional 32GB or 64GB SSD**
VGA Controller	Intel® 945GM, 128MB shared memory Optional nVidia GeForce 8400 with 256MB VRAM (standard on 15" model)
Display	14.1" XGA (1024 x 768) TFT sunlight readable LCD Optional touchscreen or 15.0" SXGA (1400 x 1050) TFT sunlight readable LCD Optional touchscreen
Keyboard	Waterproof membrane keyboard Optional waterproof LED backlit rubber keyboard
Media Bay	Super multi DVD Optional 2nd battery
Expansion Slot Options	PCMCIA Type II x 2 or Type III x 1 PCMCIA Type II x 1 + smart card reader

Security	TPM 1.2 Kensington lock
Communications	10/100/1000 base-T Ethernet 56K ITU V.92 modem WLAN 802.11 (Intel® PRO/Wireless 3945 a/b/g) Bluetooth (v2.0 class 2) Optional GPS (with internal antenna) Optional EV-DO/HSDPA
Power	AC adapter (90W, 100-240V, 50/60Hz) Li-Ion smart battery (7800mAh) Optional Media bay 2nd Li-Ion battery (3700mAh)
Dimensions and Weight	14" display - 12.9" x 10.7" x 1.8" (328 x 272 x 46 mm) 9.16 lbs (4.15 kg)*** 15" display - 13.3" x 11.3" x 1.8" (338 x 286 x 46 mm) 9.9 lbs (4.4 kg)***
Temperature	Operating temp: 32°F to 131°F (0°C to 55°C) (Optional low temperature: -4°F / -20°C) Storage temp: -40°F to 158°F (-40°C to 70°C) Humidity: 5% to 95% RH, non-condensing
I/O Interfaces	DC in x 1 USB 2.0 x 2 Docking port x 1 Parallel port (DB-25) x 1 Serial port (RS-232) x 1 (option: replace parallel port with 2nd RS-232) Network (RJ-45) x 1 (option: replace Modem port with 2nd RJ-45) Modem (RJ-11) x 1 External VGA x 1 IEEE1394b or PS2 x 1 Audio output x 1 Microphone x 1

Battery life testing conducted under BatteryMark 4.0.1. Battery performance will vary based on software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. As with all batteries, maximum capacity decreases with time and use and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings.

* Computers configured with a 32-bit operating system can address up to 3GB of system memory. Only computers configured with a 64-bit operating system can address 4 GB or more of system memory.

** For storage, 1GB = 1 billion bytes; actual formatted capacity less.

*** Weight varies by configuration and manufacturing process.

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