

# Getac

Windows®. Life without Walls™.  
Getac recommends Windows 7.

Getac M230  
Fully Rugged Notebook

**Unique Graphic Features Intact  
in a Powerful Ultra-slim Unit**

*Powering Your Daily Mission*



## **M230**

Fully Rugged  
**Notebook**

# M230 Fully Rugged Notebook



Discrete Graphics Engine



High Resolution LCD



Fanless



Backlit Keyboard

- Media Bay Feature Maximizes Flexibility and Customized Applications
- Screen Size: 14.1" XGA or 15" SXGA+
- MIL-STD 810G and IP65 Certified
- Optional MIL-STD 461F Certified
- Optional Salt Fog Compliance
- Optional NVIDIA® GeForce® G105M 512MB Discrete Graphic Controller



The Getac M230 is the latest ultra slim model of the Getac Rugged Notebook family. Powered by Intel® Centrino® Mobile Technology and Core™2 Duo Processor you can have the best wireless access and performance in various applications.

Equipped with optional NVIDIA graphic controller and high resolution LCD screen, the M230 is perfectly made for intensive mapping & graphic applications. Also, the cutting-edge QuadraClear™ sunlight readable LCD screen makes M230 perfectly adaptable to outdoors without interference by direct sunlight.

A built-in WLAN or an optional WWAN communication solution allows users to maintain network access without delay.

In demanding environments where security always matters, the M230 has a built-in TPM chip and a smart card reader to protect your valuable data.

The magnesium alloy case, shock-protected HDD, and waterproof keyboard and touchpad make the M230 MIL-STD 810G and IP65 certified to withstand any mishap.

## Interface



### Back Side

- DC in Jack x 1
- LAN (RJ45)
- External VGA x 1
- Audio output x 1
- Serial port x 2
- Modem (RJ11) or optional 2<sup>nd</sup> LAN (RJ45) X 1
- Microphone x 1



### Left Side

- Multimedia bay x 1
- Shock-protected HDD x 1



### Right Side

- Main Li-Ion smart battery
- PCMCIA Slots (Type II x 2 or Type III x 1)
- USB 2.0 x 2
- IEEE 1394b x 1

## Industry Applications



### Public Safety

Featuring MIL-STD-810G and IP65, the M230 is designed specifically for police officers and patrol purposes as an effective tool to access police database to fight against crime, allowing remote access to database, report key-in and manage tasks effectively.



### Professional Service

Equipped with optional NVIDIA® GeForce® G105M 512MB VGA and optional 500 nits QuadraClear™ display, making M230 best suit for outdoor applications without being affected by direct exposure under the sunlight, allowing outdoor users to proceed geographical investigation and science research.



### Field Service

M230's salt fog design allows outdoor users to conduct investigation under harsh environment, to collect and analyze data directly in the field, which can be used as a controller to connect sonar to detect the location of fish crowd.

## Optional Accessories



### Vehicle Dock

W x D x H: 351 x 316 x 145 mm  
(13.8" x 12.4" x 5.7")

- USB 2.0 x 2
- Audio output x 1
- Video capture x 1
- External VGA x 1
- Serial port x 2
- Parallel port x 1
- Microphone x 1
- Ignition x 1
- Speaker x 2



### Vehicle Mount

W x D x H: 302 x 316 x 188 mm  
(11.8" x 12.4" x 4.6")



Carry Bag



Battery Charger



Main Battery  
(7800mAh)



Multimedia Bay  
2nd Battery  
(3700mAh)



AC Adapter  
(90W, 100-240VAC)



Vehicle Adapter  
(90W, 11-16VDC  
and 22-32VDC)



Stylus

# Specifications

<b>Operating System</b>	Genuine Windows® 7 Professional Genuine Windows Vista® Business	<b>Communication Interface</b>	10/100/1000 base-T Ethernet 56K ITU V.92 modem Intel® WiFi Link 5100 802.11 a/b/g/n Optional Bluetooth (v2.0+EDR class 2) Optional GPS Optional EV-DO / GSM / GPRS / EDGE / UMTS / HSDPA
<b>Mobile Computing Platform</b>	Intel® Centrino® Technology - Intel® Core™2 Duo Processor L7400 1.5GHz - 667MHz FSB - 4MB L2 cache - Mobile Intel® 945GM Express chipset	<b>Software</b>	Adobe® Reader®
<b>VGA Controller</b>	Intel® Graphics Media Accelerator 950, Max. 128MB shared memory Optional NVIDIA® GeForce® G105M 512MB discrete graphic controller	<b>Security Feature</b>	TPM 1.2 Optional smart card reader (occupies one PCMCIA type II slot) Kensington lock
<b>Display</b>	14.1" TFT LCD XGA (1024 x 768) or 15" TFT LCD SXGA+ (1400 x 1050) Optional touchscreen Optional QuadraClear™ sunlight readable display	<b>Power</b>	AC adapter (90W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (7800mAh) (up to 4 hours of battery life) Optional Multimedia Bay 2nd Lithium-polymer battery (3700mAh)
<b>Storage &amp; Memory</b>	2GB DDR2 expandable to 4GB SATA HDD 250GB / 320GB Optional SATA SSD 80GB / 160GB	<b>Dimension (W x D x H) &amp; Weight</b>	14.1": 328 x 272 x 46 mm (12.9" x 10.7" x 1.8"), 4.15 kg (9.16 lbs) <sup>i</sup> 15": 338 x 286 x 46 mm (13.3" x 11.3" x 1.8"), 4.4 kg (9.9 lbs) <sup>i</sup>
<b>Keyboard</b>	Membrane keyboard Optional LED backlit rubber keyboard	<b>Rugged Feature</b>	MIL-STD-810G certified and IP65 certified Optional MIL-STD-461F certified Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant Optional salt fog compliance
<b>Pointing Device</b>	Touchscreen - Optional pressure sensitive touchscreen Touchpad - Glide touchpad with scroll bar - Optional resistive touchpad	<b>Environmental Specification</b>	Temperature <sup>iii</sup> : - Operating: 0°C to 60°C / 32°F to 140°F - Optional low temperature: -20°C / -4°F - Storage: -40°C to 71°C / -40°F to 160°F Humidity: - 95% RH , non-condensing
<b>Expansion Slot</b>	PCMCIA Type II x 2 or Type III x 1		
<b>Multimedia Bay</b>	DVD super multi drive Optional 2nd battery		
<b>X Bay</b>	Reserved for Customization		
<b>I/O Interface</b>	Serial port (9-pin; D-sub) x 2 External VGA (15-pin; D-sub) x 1 Microphone (Mini-jack) x 1 Audio output (Mini-jack) x 1 DC in Jack x 1 USB 2.0 (4-pin) x 2 Modem (RJ11) x 1 or optional 2nd LAN (RJ45) LAN (RJ45) x 1 IEEE 1394b x 1 Docking connector (21-pin) x 1 RF antenna pass-through for GPS and WWAN		

- i Battery life testing conducted under BatteryMark 4.0.1. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings.
- ii Weight varies from configurations and optional accessories.
- iii Tested by a national independent third party test lab following MIL-STD-810G



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