

# Getac

Rugged Mobile Computing Solutions

## X500

### Fully Rugged Notebook



- Intel® Core i7-620M Processor
- 15.6" TFT LCD FHD with Getac QuadraClear™ Sunlight Readable Display
- Optional NVIDIA® GeForce® GT330M 1GB Discrete Graphic Controller
- Multimedia Bay & PCI/PCIe Expansion Unit



PCI Expansion Unit /  
PCI-Express Expansion  
Unit



Multimedia Bay  
2nd HDD





## Specifications

<b>Operating System</b>	Genuine Windows® 7 Professional Genuine Windows Vista® Business	<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 3 USB 2.0 / eSATA Combo x 1 LAN (RJ45) x 2 HDMI x 1 Docking connector (80-pin) x 1 Optional RF antenna pass-through for GPS, WLAN and WWAN
<b>Mobile Computing Platform</b>	Intel® Core™ i5 Technology - Intel® Core i5-520M Processor 2.4GHz, Max. 2.93GHz with Intel® Turbo Boost Technology - 3MB L3 Intel® Smart Cache - Mobile Intel® QM57 Express chipset - Optional vPro™ Technology  Intel® Core™ i7 Technology - Intel® Core i7-620M Processor 2.66GHz, Max. 3.33GHz with Intel® Turbo Boost Technology - 4MB L3 Intel® Smart Cache - Mobile Intel® QM57 Express chipset - Optional vPro™ Technology	<b>Communication Interface</b>	10/100/1000 base-T Ethernet Intel® Centrino® Advanced-N 6200; 802.11 a/b/g/n Optional Bluetooth (v2.1+EDR class 2) Optional GPS Optional Gobi™2000 mobile broadband
<b>VGA Controller</b>	Intel® Graphics Media Accelerator HD <sup>i</sup> Optional NVIDIA® GeForce® GT330M 1GB discrete graphic controller	<b>Software</b>	Getac Utility Getac Camera Getac V-GPS Adobe® Reader®
<b>Display</b>	15.6" TFT LCD HD (1366 x 768) 1000 nits QuadraClear™ sunlight readable display with multi-touch screen or 15.6" TFT LCD FHD (1920 x 1080) 600 nits QuadraClear™ sunlight readable display with multi-touch screen	<b>Security Feature</b>	Intel® vPro™ Technology TPM 1.2 Fingerprint scanner Smart card reader Kensington lock
<b>Storage &amp; Memory</b>	2GB DDR3 expandable to 8GB SATA HDD 320GB / 500GB Optional SATA SSD 160GB	<b>Power</b>	AC adapter (90W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (8700mAh) <sup>ii</sup> Optional Multimedia Bay 2nd Li-Ion smart battery (8700mAh)
<b>Keyboard</b>	Membrane keyboard with module keys Optional LED backlit membrane keyboard with module keys Optional LED backlit rubber keyboard Membrane keyboard	<b>Dimension (W x D x H) &amp; Weight</b>	410 x 290 x 65mm (16.1" x 11.4" x 2.5") 5.2 kg (11.4 lbs) <sup>iii</sup>
<b>Pointing Device</b>	Touchscreen - Optional pressure sensitive touchscreen Touchpad - Resistive touchpad	<b>Rugged Feature</b>	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified Optional UL1604 Class 1, Division 2, Group A, B, C, D Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant Optional night vision
<b>Expansion Slot</b>	PCMCIA Type II x 2 ExpressCard/54 x 1 Smart card reader x 1	<b>Environmental Specification</b>	Temperature <sup>iv</sup> : - Operating: -20°C to 60°C / -4°F to 140°F - Storage: -51°C to 71°C / -60°F to 160°F Humidity: - 95% RH, non-condensing
<b>Multimedia Bay</b>	DVD super multi drive Optional 2nd battery Optional 2nd storage: HDD 320 GB; SSD 160 GB	<b>Optional Accessories</b>	Backpack Battery charger MIL-STD-461F certified AC adapter (90W, 100-240VAC) Vehicle adapter (90W, 11-16VDC and 22-32VDC) Stylus PCI expansion unit (x 2 slots) or PCI-Express expansion unit (x 2 slots)

### Docking Solutions

	Dimension W x D x H	Serial Port	External VGA	Microphone	Audio Output	DC in Jack	USB	LAN	Video Capture	RF antenna connector
<b>Vehicle Dock</b>	410 x 332 x 125 mm (16.4" x 13.1" x 4.9")	2	1	1	1	1	4	1	1	3 (optional)

<sup>i</sup> Share memory size may vary by different operating system and RAM size.

<sup>ii</sup> 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.

<sup>iii</sup> Weight varies from configurations and optional accessories.

<sup>iv</sup> Tested by a national independent third party test lab following MIL-STD-810G

# Getac

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