

Getac

Rugged Mobile Computing Solutions

X500

Fully Rugged Notebook



- Intel® Core i7-4600M Processor
- 15.6" TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display
- Optional NVIDIA® GeForce® 745M 2GB Discrete Graphic Controller
- Multimedia Bay & PCI/PCIe Expansion Unit



PCI/PCI-Express
Expansion Unit



Multimedia Bay
2nd HDD



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Specifications

Operating System	Windows® 7 Professional		
Mobile Computing Platform	<p>Intel® Core™ i7 vPro™ Technology</p> <ul style="list-style-type: none"> - Intel® Core™ i7-4600M vPro™ Processor 2.9GHz, Max 3.6GHz, with Intel® Turbo Boost Technology - 4MB L3 Intel® Smart Cache - Mobile Intel® QM87 Express chipset <p>Intel® Core™ i5 vPro™ Technology</p> <ul style="list-style-type: none"> - Intel® Core™ i5-4300M vPro™ Processor 2.6GHz, Max. 3.3GHz with Intel® Turbo Boost Technology - 3MB L3 Intel® Smart Cache - Mobile Intel® QM87 Express chipset 	Communication Interface	<p>Docking connector (80-pin) x 1</p> <p>Optional RF antenna pass-through for GPS, WLAN and WWAN</p> <p>10/100/1000 base-T Ethernet</p> <p>Intel® Dual Band Wireless-AC 7260, 802.11ac Bluetooth® (v4.0 class 1)ⁱⁱ</p> <p>Optional GPS</p> <p>Optional Gobi™ mobile broadband</p>
VGA Controller	<p>Intel® HD Graphics 4600ⁱ</p> <p>Optional NVIDIA® GeForce® 745M 2GB discrete graphic controller</p>	Software	<p>Getac Utility</p> <p>Adobe® Reader®</p>
Display	<p>15.6" TFT LCD FHD (1920 x 1080)</p> <p>Optional 800 nits QuadraClear® sunlight readable display with multi-touch screen</p>	Security Feature	<p>Intel® vPro™ Technology</p> <p>TPM 1.2</p> <p>Fingerprint scanner</p> <p>Smart card reader</p> <p>Kensington lock</p>
Storage & Memory	<p>8GB DDR3 expandable to 16GB</p> <p>SATA HDD 500GB</p> <p>Optional SATA SSD 128GB / 256GB</p>	Power	<p>AC adapter (90W, 100-240VAC, 50 / 60Hz)</p> <p>Li-Ion smart battery (10.8V, 8700mAh)ⁱⁱⁱ</p> <p>Optional Multimedia Bay 2nd Li-Ion smart battery (10.8V, 8700mAh)</p>
Keyboard	<p>LED backlit membrane keyboard with integrated numeric keypad</p> <p>Optional LED backlit rubber keyboard</p>	Dimension (W x D x H) & Weight	<p>410 x 290 x 65mm (16.1" x 11.4" x 2.5")</p> <p>5.2 kg (11.4 lbs)^{iv}</p>
Pointing Device	<p>Touchscreen</p> <ul style="list-style-type: none"> - Optional pressure sensitive touchscreen <p>Touchpad</p> <ul style="list-style-type: none"> - Glide touchpad with scroll bar 	Rugged Feature	<p>MIL-STD-810G certified and IP65 certified</p> <p>MIL-STD-461F certified^v</p> <p>Optional ANSI/ISA 12.12.01</p> <p>Full magnesium alloy case</p> <p>Shock-protected removable HDD</p> <p>Vibration & drop resistant</p>
Expansion Slot	<p>PCMCIA Type II x 1</p> <p>ExpressCard/54 x 1</p> <p>Smart card reader x 1</p> <p>SD Card Reader x 1</p>	Environmental Specification	<p>Temperature^{vi}:</p> <ul style="list-style-type: none"> - Operating: -20°C to 55°C / -4°F to 131°F - Storage: -40°C to 71°C / -40°F to 160°F <p>Humidity:</p> <ul style="list-style-type: none"> - 95% RH, non-condensing
Multimedia Bay	<p>DVD super multi drive</p> <p>Optional 2nd battery</p> <p>Optional 2nd storage: HDD 500GB ; SSD 128 GB / 256 GB</p>	Accessories	<p>Backpack</p> <p>Battery Charger</p> <p>Vehicle Adapter (90W, 11-16VDC and 22-32VDC)</p> <p>MIL-STD-461F certified AC adapter (90W, 100-240VAC)</p> <p>Stylus and tether</p> <p>Protection film</p> <p>PCI or PCI-Express Expansion Unit (x 2 slots)</p> <p>Main battery (10.8V, 8700mAh)</p> <p>AC adapter (90W, 100-240VAC)</p> <p>Multimedia bay 2nd battery (10.8V, 8700mAh)</p> <p>Multimedia Bay 2nd HDD</p> <p>Vehicle dock</p> <p>Office dock</p>
I/O Interface	<p>Serial port (9-pin; D-sub) x 2</p> <p>External VGA (15-pin; D-sub) x 1</p> <p>Microphone (Mini-jack) x 1</p> <p>Audio output (Mini-jack) x 1</p> <p>DC in Jack x 1</p> <p>USB 3.0 (9-pin) x 2</p> <p>USB 2.0 (4-pin) x 1</p> <p>USB 2.0 / eSATA Combo x 1</p> <p>LAN (RJ45) x 2</p> <p>IEEE 1394a x 1</p> <p>HDMI x 1</p>		

Docking Solutions

	Dimension W x D x H	Serial Port	External VGA	Microphone	Audio Output	DC in Jack	USB	LAN	Video Capture	DVI	RF antenna connector
Vehicle Dock	410 x 332 x 125 mm (16.4" x 13.1" x 4.9")	2	1	1	1	1	4	1	1	--	3 (optional)
Office Dock	438.4 x 154 x 62 mm (17.2" x 6.1" x 2.4")	1	1	1	1	1	4	1	--	1	--

ⁱ Share memory size may vary by different operating system and RAM size.

ⁱⁱ Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.

ⁱⁱⁱ 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.

^{iv} Weight varies from configurations and optional accessories.

^v MIL-STD-461F 90W AC adapter sold separately

^{vi} Tested by a national independent third party test lab following MIL-STD-810G



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