

Getac

Rugged Mobile Computing Solutions

X500

Fully Rugged Notebook



- Intel® Core™ i7-4610M vPro™ 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 8 Professional Windows 7 Professional		Docking connector (80-pin) x 1 Optional RF antenna pass-through for GPS, WLAN and WWAN
Mobile Computing Platform	- Intel® Core™ i7-4610M vPro™ Processor 3.0GHz, Max 3.7GHz, with Intel® Turbo Boost Technology - 4MB Intel® Smart Cache - Mobile Intel® QM87 Express chipset - Intel® Core™ i5-4310M vPro™ Processor 2.7GHz, Max 3.4GHz, with Intel® Turbo Boost Technology - 3MB Intel® Smart Cache - Mobile Intel® QM87 Express chipset	Communication Interface	10/100/1000 base-T Ethernet Intel® Dual Band Wireless-AC 7260, 802.11ac Bluetooth® (v4.0 class 1) ⁱⁱ Optional SiRFstarIV™ GPS Optional Gobi™ mobile broadband
VGA Controller	Intel® HD Graphics 4600 ⁱ Optional NVIDIA® GeForce® 745M 2GB discrete graphic controller	Software	Getac Utility Adobe® Reader®
Display	15.6" TFT LCD FHD (1920 x 1080) Optional 800 nits QuadraClear® sunlight readable display with touchscreen	Security Feature	Intel® vPro™ Technology TPM 1.2 Fingerprint scanner Smart card reader Kensington lock
Storage & Memory	8GB DDR3 expandable to 16GB SATA HDD 500GB; Optional SATA HDD 1TB Optional SATA SSD 128GB / 256GB / 512GB	Power	AC adapter (90W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (10.8V, 8700mAh) ⁱⁱⁱ Optional Multimedia Bay 2nd Li-Ion smart battery (10.8V, 8700mAh)
Keyboard	LED backlit membrane keyboard with integrated numeric keypad Optional LED backlit rubber keyboard	Dimension (W x D x H) & Weight	410 x 290 x 65mm (16.1" x 11.4" x 2.5") 5.2 kg (11.4 lbs) ^{iv}
Pointing Device	Touchscreen - Optional pressure sensitive touchscreen Touchpad - Glide touchpad with scroll bar	Rugged Feature	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified ^v Optional ANSI/ISA 12.12.01 ^{vii} Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant
Expansion Slot	Optional PCMCIA Type II x 1 ExpressCard/54 x 1 Smart card reader x 1 SD Card Reader x 1	Environmental Specification	Temperature ^{vii} : - Operating: -20°C to 55°C / -4°F to 131°F - Storage: -40°C to 71°C / -40°F to 160°F Humidity: - 95% RH, non-condensing
Multimedia Bay	DVD super multi drive Optional 2nd battery Optional 2nd storage: HDD 500GB ; SSD 128 GB / 256 GB / 512GB Optional SATA HDD 1TB	Accessories	Backpack Battery Charger Vehicle Adapter (90W, 11-16VDC and 22-32VDC) MIL-STD-461F certified AC adapter (90W, 100-240VAC) Stylus and tether Protection film PCI or PCI-Express Expansion Unit (x 2 slots) Main battery (10.8V, 8700mAh) AC adapter (90W, 100-240VAC) Multimedia bay 2nd battery (10.8V, 8700mAh) Multimedia Bay 2nd HDD Vehicle dock Office dock
I/O Interface	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 3.0 (9-pin) x 2 USB 2.0 (4-pin) x 1 USB 2.0 / eSATA Combo x 1 LAN (RJ45) x 2 Optional IEEE1394a x 1 HDMI x 1		

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.
^{iv} 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.
^v Weight varies from configurations and optional accessories.
^{vi} MIL-STD-461F 90W AC adapter sold separately.
^{vii} PCI expansion unit or PCI-E option is not available with ANSI / ISA 12.12.01 configurations.
^{viii} Tested by a national independent third party test lab following MIL-STD-810G.



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