



X500 FULLY RUGGED NOTEBOOK

- Intel® Core™ i7-7820HQ Processor
- 15.6" TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display
- Optional NVIDIA® GeForce® GTX950M 4GB discrete graphic controller
- Multimedia Bay & PCI/PCIe 3.0 Expansion Unit



PCI/PCI-Express 3.0
Expansion Unit



Multimedia Bay
2nd Storage



Specifications

Operating System

Windows 10 Pro

Mobile Computing Platform

Intel® Core™ i7-7820HQ 2.9GHz, Max. 3.9GHz
- 8MB Intel® Smart Cache

Intel® Core™ i5-7440HQ 2.8GHz, Max. 3.8GHz
- 6MB Intel® Smart Cache

VGA Controller

Intel® HD Graphics 630
Optional NVIDIA® GeForce® GTX950M 4GB discrete graphic controller

Display

15.6" TFT LCD FHD (1920 x 1080)
1000 nits QuadraClear® sunlight readable display
Optional resistive touch screen

Storage & Memory

8GB DDR4 expandable to 64GBⁱ
SATA HDD 500GB; Optional SATA HDD 1TB
Optional SATA SSD 512GB / 1TB

Keyboard

LED backlit membrane keyboard with integrated numeric keypad
Optional LED backlit rubber keyboard

Pointing Device

Touchscreen
- Optional pressure sensitive touchscreen
Touchpad
- Glide touchpad with scroll bar

Expansion Slot

Optional PCMCIA Type II x 1
ExpressCard/54 x 1
Smart Card reader x 1
SD Card Reader x 1

Multimedia Bay

DVD super multi drive
Optional 2nd battery: 10.8V, 8700mAh / 10.8V, 10350mAh
Optional 2nd storage: HDD 500GB / 1TB ; SSD 512 GB / 1TB

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 4
LAN (RJ45) x 2
HDMI x 1
Docking connector (80-pin) x 1
Optional RF antenna pass-through for GPSⁱⁱ, WLAN and WWAN
Optional FHD webcam x 1

Communication Interface

10/100/1000 base-T Ethernet
Intel® Dual Band Wireless-AC 8265, 802.11ac
Bluetooth® (v4.2)ⁱⁱⁱ
Optional dedicated GPS
Optional 3G mobile broadband

Software

Getac Utility
Adobe® Reader®
Optional Absolute DDS® Persistence

Security Feature

Intel® vPro™ Technology
TPM 2.0
Smart Card reader
Kensington lock

Power

AC adapter (150W, 100-240VAC, 50 / 60Hz)
Li-Ion smart battery (10.8V, 8700mAh)^{iv}
Li-Ion smart battery (10.8V, 10350mAh)^v
Optional Multimedia Bay 2nd Li-Ion smart battery (10.8V, 8700mAh)
Optional Multimedia Bay 2nd Li-Ion smart battery (10.8V, 10350mAh)

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)^v

Rugged Feature

MIL-STD-810G certified and IP65 certified
MIL-STD-461G certified^{vi}
Optional ANSI/ISA 12.12.01^{vii}
Full magnesium alloy case
Shock-protected removable HDD
Vibration & drop resistant

Environmental Specification

Temperature^{viii}:
- 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

Accessories

Backpack
Multi-Bay Charger (Dual Bay)
Vehicle Adapter (120W, 11-16VDC and 22-32VDC)
MIL-STD-461G certified AC adapter (150W, 100-240VAC)
Stylus
Protection film
PCI or PCI-Express 3.0 Expansion Unit (x 2 slots)
Main battery (10.8V, 8700mAh)
Main battery (10.8V, 10350mAh)
AC adapter (150W, 100-240VAC)
Multimedia bay 2nd battery (10.8V, 8700mAh)
Multimedia bay 2nd battery (10.8V, 10350mAh)
Multimedia Bay 2nd HDD
Vehicle dock
Office dock

Bumper-to-Bumper warranty

Accidents can take your equipment out of service when you least expect it, especially in a rugged environment, which can cause costly equipment downtime.

That is why Getac has introduced accidental damage as standard under our new Bumper-to-Bumper warranty, to help minimize your enterprise IT costs.

Bumper-to-Bumper is your hassle-free guarantee.

That means you can depend on us to have your unit back in service within days.

Standard

5 years Bumper-to-Bumper

- i Share memory size may vary by different operating system and RAM size.
- ii Optional RF antenna pass-through for GPS, PCI or PCI-Express Expansion Unit are mutually exclusive options.
- iii 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.
- iv Battery life testing conducted under MobileMark 2007. 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.
- v Weight and dimensions vary from configurations and optional accessories.
- vi MIL-STD-461G 150W AC adapter sold separately.
- vii PCI expansion unit or PCIe 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.

X500

Fully Rugged Notebook



Docking Solutions

	Vehicle Dock	Office Dock
Serial Port	2	1
External VGA	1	1
Microphone	1	1
Audio Output	1	1
DC in Jack	1	1
USB	USB 2.0 x 4	USB 2.0 x 2 USB 3.0 x 2
LAN	1	1
RF Antenna Connector	3 (optional)	--

Getac

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available specification shall be subjected to quotation by request. V01M02Y18WW

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® GTX950M 4GB GDDR5 discrete graphic controller
- Multimedia Bay & PCI/PCIe Expansion Unit



PCI/PCI-Express Expansion Unit



Multimedia Bay 2nd HDD





Specifications

Operating System	Windows 10 Professional Windows 7 Professional	HDMI x 1 Docking connector (80-pin) x 1 Optional RF antenna pass-through for GPS ⁱ , 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
VGA Controller	Intel® HD Graphics 4600 ⁱ Optional NVIDIA® GeForce® GTX950M 4GB GDDR5 discrete graphic controller	10/100/1000 base-T Ethernet Intel® Dual Band Wireless-AC 7260, 802.11ac Bluetooth® (v4.0) ⁱⁱⁱ Optional SiRFstarIV™ GPS Optional 3G mobile broadband
Display	15.6" TFT LCD FHD (1920 x 1080) Optional 800 nits QuadraClear® sunlight readable display with touchscreen	Software
Storage & Memory	8GB DDR3 expandable to 16GB ⁱ SATA HDD 500GB; Optional SATA HDD 1TB Optional SATA SSD 128GB / 256GB / 512GB / 1TB	Getac Utility Adobe® Reader® Optional Absolute DDS® Persistence
Keyboard	LED backlit membrane keyboard with integrated numeric keypad Optional LED backlit rubber keyboard	Security Feature
Keyboard	LED backlit membrane keyboard with integrated numeric keypad Optional LED backlit rubber keyboard	Intel® vPro™ Technology TPM 1.2 Fingerprint scanner Smart card reader Kensington lock
Pointing Device	Touchscreen - Optional pressure sensitive touchscreen Touchpad - Glide touchpad with scroll bar	Power
Expansion Slot	Optional PCMCIA Type II x 1 ExpressCard/54 x 1 Smart card reader x 1 SD Card Reader x 1	AC adapter (90W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (10.8V, 8700mAh) ^{iv} Optional Multimedia Bay 2 nd Li-Ion smart battery (10.8V, 8700mAh)
Multimedia Bay	DVD super multi drive Optional 2 nd battery Optional 2 nd storage: HDD 500GB / 1TB ; SSD 128 GB / 256 GB / 512 GB / 1TB	Dimension (W x D x H) & Weight
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	410 x 290 x 65mm (16.1" x 11.4" x 2.5") 5.2 kg (11.4 lbs) ^v
		Rugged Feature
		MIL-STD-810G certified and IP65 certified MIL-STD-461F certified ^{vi} Optional ANSI/ISA 12.12.01 ^{vii} Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant
		Environmental Specification
		Temperature ^{viii} : - 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
		Accessories
		Backpack Multi-Bay Charger (Dual Bay) Vehicle Adapter (90W, 11-16VDC and 22-32VDC) MIL-STD-461F certified AC adapter (90W, 100-240VAC) Stylus Protection film PCI or PCI-Express Expansion Unit (x 2 slots) Main battery (10.8V, 8700mAh) AC adapter (90W, 100-240VAC) Multimedia bay 2 nd battery (10.8V, 8700mAh) Multimedia Bay 2 nd HDD Vehicle dock Office dock

Docking Solutions

	Serial Port	External VGA	Microphone	Audio Output	DC in Jack	USB	LAN	Video Capture	DVI	RF antenna Connector
Vehicle Dock	2	1	1	1	1	4	1	1	--	3 (optional)
Office Dock	2	1	1	1	1	4	1	--	1	--

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iv Battery life testing conducted under MobileMark 2007. 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.
v Weight and dimensions vary 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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