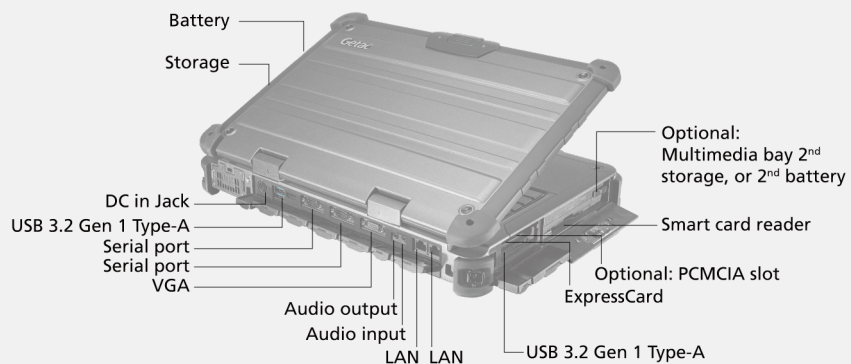# X500 FULLY RUGGED NOTEBOOK

- Intel® Core™ i7-7820EQ Processor

- 15.6" TFT LCD FHD with Getac QuadraClear® sunlight readable display

- Optional NVIDIA® Quadro® P2000 4GB discrete graphics controller

- Multimedia bay & PCI/PCIe 3.0 expansion unit

CERTIFIED MIL-STD 810H | CERTIFIED MIL-STD 461G | INGRESS PROTECTION IP65 | CERTIFIED ANSI

- Battery
- Storage
- DC in Jack
- USB 3.2 Gen 1 Type-A
- Serial port
- Serial port
- VGA
- Audio output
- Audio input
- LAN LAN
- Optional: Multimedia bay 2nd storage, or 2nd battery
- Smart card reader
- Optional: PCMCIA slot ExpressCard
- USB 3.2 Gen 1 Type-A

X500 FULLY RUGGED NOTEBOOK

SPECIFICATIONS

Operating System

Windows 10 Pro

Mobile Computing Platform

Intel® Core™ i5-7440EQ 2.9GHz
Max. 3.6GHz
- 6MB Intel® Smart Cache

Platform options:
Intel® Core™ i7-7820EQ 3.0GHz
Max. 3.7GHz
- 8MB Intel® Smart Cache

VGA Controller

Intel® HD Graphics 630
Optional: NVIDIA® GeForce® GTX1050 4GB discrete graphics controller
Optional: NVIDIA® Quadro® P2000 4GB discrete graphics controller

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Display

15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits QuadraClear® sunlight readable display
Optional: Resistive touch screen

Storage & Memory

8GB DDR4
Optional: 16GB / 32GB / 64GB DDR4 [i]

500GB SATA HDD / 512GB SATA SSD
Optional: 1TB SATA HDD / 1TB / SSD

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 Slots

Smart card reader x 1
ExpressCard/54 x 1
Optional: PCMCIA Type II x 1

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Multimedia Bay

DVD super multi drive

Optional 2nd storage: 500GB HDD / 1TB HDD / 512GB SSD / 1TB SSD

Optional 2nd battery: 10.8V, 9240mAh, 99.8Wh

I/O Interface

Audio input (Mini-jack) x 1

Audio output (Mini-jack) x 1

DC in Jack x 1

USB 3.2 Gen 1 Type-A x 4

LAN (RJ45) x 2

HDMI x 1

Docking connector x 1

External VGA (15-pin; D-sub) x 1

Serial port (9-pin; D-sub) x 2

Optional: FHD webcam x 1

Optional: RF antenna pass-through for GPS [ii], and WLAN

Communication Interface

10/100/1000 base-T Ethernet

Intel® Dual Band Wireless-AC 8265, 802.11ac

Bluetooth (v4.2) [iii]

Optional: Dedicated GPS

Pre-installed Software

Getac Utility

Getac Geolocation

Optional: Absolute Persistence®

Security Features

TPM 2.0

Kensington lock

Intel® vPro™ Technology

Smart card reader

Power

AC adapter (150W, 100-240VAC, 50/60Hz)

Li-ion smart battery (10.8V, 9240mAh, 99.8Wh)

Optional: Multimedia bay 2nd Li-ion smart battery (10.8V, 9240mAh, 99.8Wh)

Dimension (W x D x H) & Weight

410 x 320 x 65mm (16.1" x 12.6" x 2.5")

5.2 kg (11.4 lbs) [iv]

Rugged Features

MIL-STD-810H certified

IP65 certified

MIL-STD-461G certified [v]

Vibration & drop resistant

Full magnesium alloy case

Shock-protected removable HDD

Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [vi]

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Environmental Specifications

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

Accessories

Battery (10.8V, 9240mAh, 99.8Wh)
AC adapter (150W, 100-240VAC)

Optional:
Backpack
Battery (10.8V, 9240mAh, 99.8Wh)
Multimedia bay 2nd HDD
Multimedia bay 2nd battery (10.8V, 9240mAh, 99.8Wh)
Multi-Bay charger (Dual-Bay)
AC adapter (150W, 100-240VAC)
Office dock AC adapter (150W, 100-240VAC)
MIL-STD-461 certified AC adapter (150W, 100-240VAC)
Stylus
Protection film
PCI or PCI-Express 3.0 expansion unit (x2 slots) [viii]
Vehicle dock [viii]
Office dock [viii]

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 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. Weight and dimensions vary from configurations and optional accessories. Depth including hard handle.
V. MIL-STD-461G 150W AC adapter sold separately.
VI. PCI or PCI-Express 3.0 expansion unit is not available with ANSI/UL 121201, CSA C22.2 NO. 213 configurations.
VII. Tested by an independent third-party test lab following MIL-STD-810H.
VIII. PCI or PCI-Express 3.0 expansion unit is not compatible with vehicle dock and office dock.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

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	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 3.0 x 2 USB 2.0 x 2
LAN	1	1
RF Antenna Connector	3 (optional)	-