Windows 10
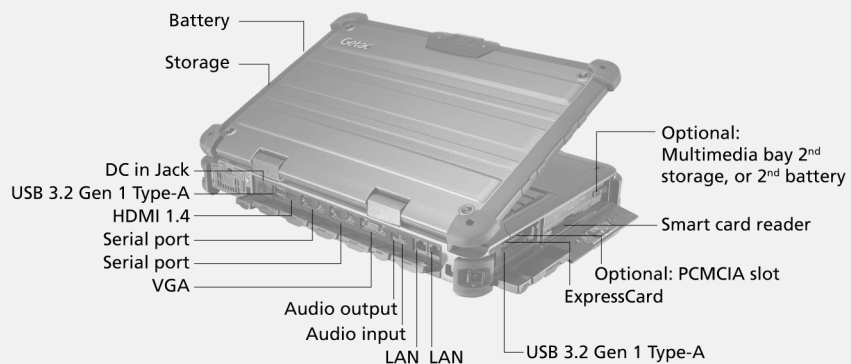
X500 FULLY RUGGED NOTEBOOK

- 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
HDMI 1.4
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

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SPECIFICATIONS

Generation	G3
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
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 - Touchpad with two buttons

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Expansion Slots

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

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 1.4 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

Security Features

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

Power

AC adapter (150W, 100-240VAC, 50/60Hz)
Li-ion battery (10.8V, 9240mAh, 99.8Wh)
Optional: Multimedia bay 2nd Li-ion 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

Pre-installed Software

Getac Utility
Getac Geolocation
Optional: Absolute Persistence®

Optional software

Getac Device Monitoring System (GDMS)

Accessories

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

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

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-461 150W AC adapter sold separately.

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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.

	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)	-

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