



# 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 graphic controller
- Multimedia bay & PCI/PCIe 3.0 expansion unit



PCI/PCI-Express 3.0  
expansion unit



Multimedia bay  
2<sup>nd</sup> storage



# 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 graphic controller

Optional: NVIDIA® Quadro® P2000 4GB discrete

graphic controller

## Display

15.6" TFT LCD FHD (1920 x 1080)

Protection film

1000 nits QuadraClear® sunlight readable display

Optional: Resistive touch screen

## Storage & Memory

8GB DDR4

Optional: 16GB / 32GB / 64GB DDR4<sup>i</sup>

500GB SATA HDD / 512GB SATA SSD

Optional: 1TB SATA HDD / 1TB SATA 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 Slot

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 /

512 GB 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<sup>j</sup>,

WLAN and WWAN

## Communication Interface

10/100/1000 base-T Ethernet

Intel® Dual Band Wireless-AC 8265, 802.11ac

Bluetooth® (v4.2)<sup>iii</sup>

Optional: Dedicated GPS

## Security Feature

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")

5.2kg (11.4lbs)<sup>iv</sup>

## Rugged Feature

MIL-STD-810H certified

IP65 certified

MIL-STD-461G certified<sup>v</sup>

Vibration & drop resistant

Full magnesium alloy case

Shock-protected removable HDD

Optional: ANSI / UL 121201, CSA C22.2 NO. 213<sup>vi</sup>

## Environmental Specification

Temperature<sup>vii</sup>:

- 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®

## 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 (x 2 slots)<sup>viii</sup>

Vehicle Dock<sup>viii</sup>

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 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.

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

# Getac

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