



# X500 FULLY RUGGED NOTEBOOK

- Intel® Core™ i7-7820HQ Processor
- 15.6" TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display
- Optional NVIDIA® GeForce® GTX1050 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® GTX1050 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 64GB<sup>i</sup>  
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 2<sup>nd</sup> battery: 10.8V, 8700mAh  
Optional 2<sup>nd</sup> 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 x 4  
LAN (RJ45) x 2  
HDMI x 1  
Docking connector x 1  
Optional RF antenna pass-through for GPS<sup>j</sup>,  
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)<sup>ii</sup>  
Optional dedicated GPS

## 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, typical 8700mAh;  
min. 8100mAh)  
Optional Multimedia Bay 2nd Li-Ion smart battery  
(10.8V, typical 8700mAh; min. 8100mAh)

## Dimension (W x D x H) & Weight

16.1" x 12.6" x 2.5", 11.4 lbs<sup>iv</sup>

## Rugged Feature

MIL-STD-810G certified and IP65 certified  
MIL-STD-461G certified<sup>v</sup>  
Optional ANSISA 12.12.01<sup>vi</sup>  
Full magnesium alloy case  
Shock-protected removable HDD  
Vibration & drop resistant

## 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

## Software

Getac Utility  
Getac Geolocation  
Optional Absolute DDS® Persistence

## Accessories

Backpack  
Multi-Bay Charger (Dual Bay)  
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>  
Main battery (10.8V, typical 8700mAh; min. 8100mAh)  
AC adapter (150W, 100-240VAC)  
Multimedia bay 2<sup>nd</sup> battery (10.8V, typical 8700mAh; min. 8100mAh)  
Multimedia Bay 2<sup>nd</sup> HDD  
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 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 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 / ISA 12.12.01 configurations.
- vii Tested by a national independent third party test lab following MIL-STD-810G.
- 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 2.0 x 2 USB 3.0 x 2
LAN	1	1
RF Antenna Connector	3 (optional)	--



## Glacier Computer

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