

# 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

## 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 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 / 2TB 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

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

## Multimedia Bay

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

## I/O Interface

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  
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>ii</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, typical 8700mAh; min. 8100mAh)  
Optional: Multimedia Bay 2<sup>nd</sup> Li-Ion smart battery (10.8V, typical 8700mAh; min. 8100mAh)

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

410 x 320 x 65 mm (16.1" x 12.6" x 2.5")  
5.2 kg (11.4 lbs)<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 / ISA 12.12.01<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, typical 8700mAh; min. 8100mAh)  
AC Adapter (150W, 100-240VAC)

## Optional:

Backpack  
Battery (10.8V, typical 8700mAh; min. 8100mAh)  
Multimedia Bay 2nd HDD  
Multimedia Bay 2nd Battery (10.8V, typical 8700mAh; min. 8100mAh)  
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>ix</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 / ISA 12.12.01 configurations.
- vii Tested by a national 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 2.0 x 2 USB 3.0 x 2
LAN	1	1
RF Antenna Connector	3 (optional)	--



[www.forest-it.com](http://www.forest-it.com)

### Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC, measurement instruments, and GPS/GNSS-solutions. The company has offices in Sweden, United Kingdom, Germany, and Finland.

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