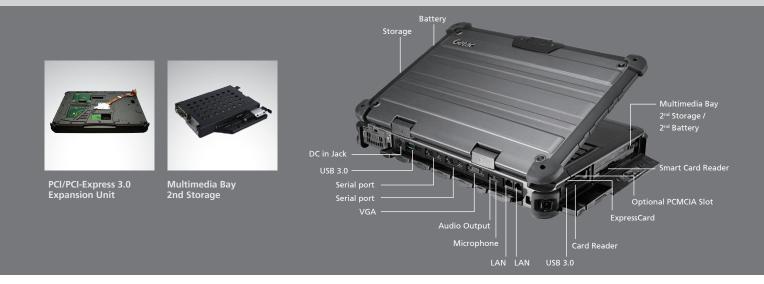# Getac

# 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

CERTIFIED MIL-STD 810G · CERTIFIED MIL-STD 461G · INGRESS PROTECTION IP65 · CERTIFIED ANSI

**PCI/PCI-Express 3.0 Expansion Unit**

**Multimedia Bay 2nd Storage**

Battery
Storage

Multimedia Bay 2nd Storage / 2nd Battery

DC in Jack
USB 3.0
Serial port
Serial port
VGA

Audio Output
Microphone

LAN   LAN   USB 3.0
Card Reader

Smart Card Reader

Optional PCMCIA Slot
ExpressCard

**Rugged Mobile Computing Solutions**

# 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[i]
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 2nd battery: 10.8V, 8700mAh
Optional 2nd 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[ii],
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)[iii]
Optional dedicated GPS
Optional 3G mobile broadband

### 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, 8700mAh)
Optional Multimedia Bay 2nd Li-Ion smart battery
(10.8V, 8700mAh)

### 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 Feature
MIL-STD-810G certified and IP65 certified
MIL-STD-461G certified[v]
Optional ANSI/ISA 12.12.01[vi]
Full magnesium alloy case
Shock-protected removable HDD
Vibration & drop resistant

### Environmental Specification
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

### Software
Getac Utility
Adobe® Reader®
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)[viii]
Main battery (10.8V, 8700mAh)
AC adapter (150W, 100-240VAC)
Multimedia bay 2nd battery (10.8V, 8700mAh)
Multimedia Bay 2nd HDD
Vehicle dock
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

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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) | -- |

## Getac

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