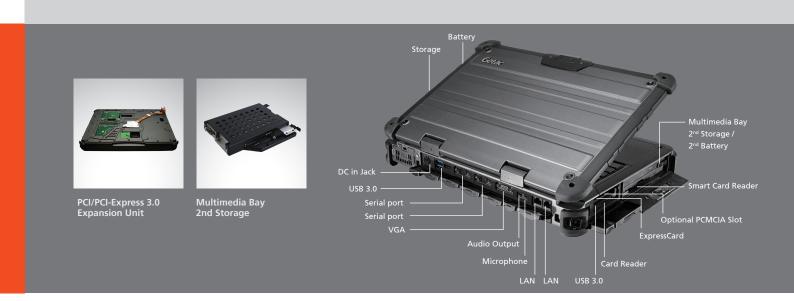# Getac

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

Storage
Battery
Multimedia Bay 2nd Storage / 2nd Battery
Smart Card Reader
Optional PCMCIA Slot
ExpressCard
DC in Jack
USB 3.0
Serial port
Serial port
VGA
Audio Output
Microphone
LAN
LAN
USB 3.0
Card Reader

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

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, tpyical 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[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
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)[viii]
Main battery (10.8V, typical 8700mAh; min. 8100mAh)
AC adapter (150W, 100-240VAC)
Multimedia bay 2nd battery (10.8V, typical 8700mAh; min. 8100mAh)
Multimedia Bay 2nd HDD
Vehicle dock[viii]
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.

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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