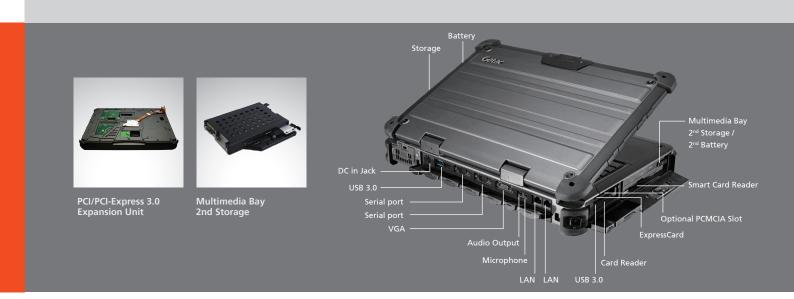# Getac

X500
FULLY
RUGGED
NOTEBOOK

- Intel® Core™ i7-7820HQ Processor

- 15.6'' TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display

- Optional NVIDIA® GeForce® GTX950M 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

Smart Card Reader

Optional PCMCIA Slot

ExpressCard

Audio Output

Microphone

Card Reader

LAN   LAN   USB 3.0

Rugged Mobile Computing Solutions

Specifications

X500
Fully Rugged
Notebook

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® GTX950M 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 (9-pin) x 4
LAN (RJ45) x 2
HDMI x 1
Docking connector (80-pin) 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

Software
Getac Utility
Adobe® Reader®
Optional Absolute DDS® Persistence

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

Dimension (W x D x H) & Weight
410 x 290 x 65mm (16.1 x 11.4 x 2.5)
5.2 kg (11.4 lbs)[v]

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

Environmental Specification
Temperature[viii]:
  - 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

Accessories
Backpack
Multi-Bay Charger (Dual Bay)
Vehicle Adapter (120W, 11-16VDC and 22-32VDC)
MIL-STD-461G certified AC adapter (150W, 100-240VAC)
Stylus
Protection film
PCI or PCI-Express 3.0 Expansion Unit (x 2 slots)
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   Battery life testing conducted under MobileMark 2007. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions.
     The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings.
v   Weight and dimensions vary from configurations and optional accessories.
vi   MIL-STD-461G 150W AC adapter sold separately.
vii PCI expansion unit or PCI-E option is not available with ANSI / ISA 12.12.01 configurations.
viii Tested by a national independent third party test lab following MIL-STD-810G.

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

GETAC TECHNOLOGY CORPORATION

FIELDWORKS