Getac

Windows 10

Getac recommends Windows 10 Pro for business

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

CERTIFIED MIL-STD 810H

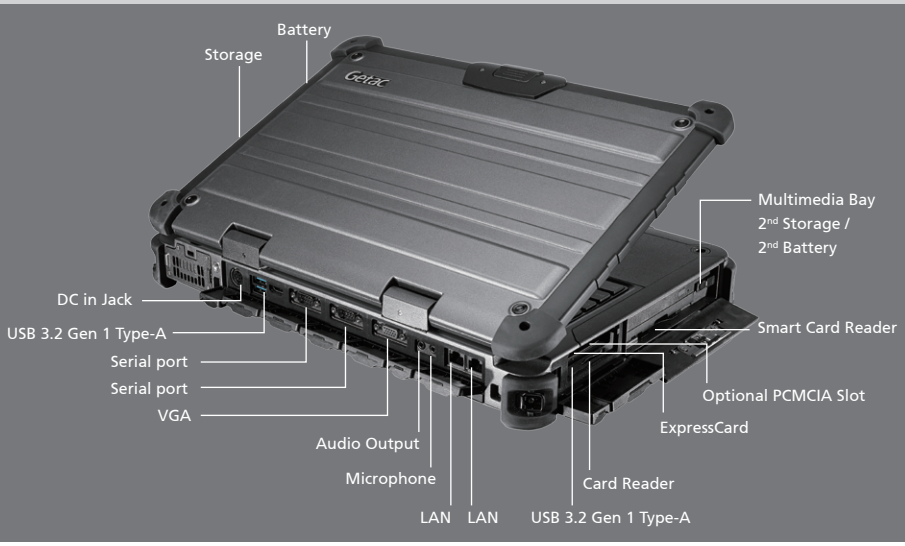
CERTIFIED MIL-STD 461G

INGRESS PROTECTION IP65

CERTIFIED ANSI

PCI / PCI-Express 3.0 Expansion Unit

Multimedia Bay 2nd Storage



Rugged Mobile Computing Solutions

Specifications

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[i]
500GB SATA HDD / 512GB SATA SSD
Optional: 1TB SATA HDD / 1TB 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 2nd storage: 500GB HDD / 1TB HDD / 512 GB SSD / 1TB SSD
Optional 2nd battery: 10.8V, 8700mAh

I/O Interface
Microphone (Mini-jack) x 1
Audio output (Mini-jack) x 1
DC in Jack x 1
USB 3.2 Gen 1 Type-A 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[ii], WLAN and WWAN

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
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, 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
410 x 320 x 65 mm (16.1" x 12.6" x 2.5")
5.2 kg (11.4 lbs)[iv]

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

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

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)[viii]
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 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-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 3.2 Gen1 x 2
LAN	1	1
RF Antenna Connector	3 (optional)	--

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