

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
2nd 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 DDR4ⁱ
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 2nd storage: 500GB HDD / 1TB HDD / 512 GB SSD / 1TB / 2TB 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 3.0 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 GPSⁱⁱ, 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, typical 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^{ix}
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.

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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)	--



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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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