



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



PCI/PCI-Express 3.0
Expansion Unit



Multimedia Bay
2nd Storage



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® 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
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 GPSⁱ,
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)ⁱⁱ
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

- 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 configura-
tions 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.

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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)	--

Getac

GETAC TECHNOLOGY CORPORATION

5F, Building A, No. 209, Section 1, Nangang Rd.,
Nangang Dist., Taipei City, 11568, Taiwan, R.O.C.
Tel : +886 2 2785 7888
globalmarketing@getac.com | www.getac.com



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