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

Getac Windows 10 Pro
Windows 10 do great things

Rugged Mobile Computing Solutions
Specifications

Operating System
  Windows 10 Pro

Mobile Computing Platform
  Intel® Core™ i5-7440HQ 2.8GHz, Max. 3.8GHz
  - 8MB Intel® Smart Cache
  Intel® Core™ i5-7440HQ 2.8GHz, Max. 3.8GHz
  - 8MB Intel® Smart Cache

VGA Controller
  Intel® HD Graphics 630
  Optional NVIDIA® GeForce® GTX950M 4GB

Display
  15.6" FTT LCD FHD (1920 x 1080)
  1000 nits QuadraClear® sunlight readable display

Storage & Memory
  SSD 512 GB / 1TB
  Optional 2nd storage: HDD 500GB / 1TB

Keyboard
  LED backlit membrane keyboard with
tegrated numeric keypad
  Additional LED backlit rubber keyboard

Pointing Device
  Touchscreen
  - Optional touchpad with touch bar

Expansion Slot
  Optional PMCA Type II x 1
  ExpressCard® 54 x 1

Multimedia Bay
  DVD super multi drive
  Optional 2nd battery: 10.8V, 8700mAh
  SSD 500GB / 1TB
  Optional 2nd storage: HDD 500GB / 1TB
  Main battery (10.8V, 10350mAh)

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 (3-pin) x 4
  LAN (RJ45) x 2
  HDMI x 1
  Docking connector (80-pin) x 1
  Optional RF antenna pass-through for GPS, WLAN and WWAN

Software
  Getac Utility
  - Adobe® Reader®
  - Getac Utility
  - Intel® vPro™ Technology
  - TPM 2.0
  - Intel® Dual Band Wireless-AC 8265, 802.11ac

Security Feature
  Intel® vPro™ Technology
  - Getac Security Feature
  - TPM 2.0
  - Kensington lock
  - Smart Card reader

Power
  AC adapter (150W, 100-240VAC, 50 / 60Hz)
  - Li-Ion smart battery: 10.8V, 8700mAh
  - 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)

Rugged Feature
  MIL-STD-810G certified
  - MIL-STD-810G certified
  - MIL-STD-461G certified
  - MIL-STD-461G certified

Environmental Specification
  Temperature:
  - 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
  - Vibration & drop resistant
  - Shock-protected removable HDD
  - Vibration & drop resistant

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.

Getac has introduced accidental damage as standard under our new
Getac Bumper-to-Bumper warranty, to help minimize
the effects of a rigorous environment, which can cause costly equipment
downtime.

i Share memory size may vary by different
operating system and RAM size.

ii Optional RF antenna pass-through for GPS,
Pc or PCi/PCi Express Expansion Unit are mutually
exclusive options.

iii Bluetooth performance and connectable
distance may be subject to interference with the
environment and performance on client
device 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 is tested under MobileMark 2007.
Battery performance will vary upon software applications, wireless
settings, power management settings, LCD brightness, customized modules and
environmental conditions.

v Weight and dimensions vary from configurati-
on and optional accessories.

vi MIL-STD-461G 150W AC adapter sold
separately.

vii MIL-STD-461G certified

viii 5.2 kg (11.4 lbs)

Copyright © 2018 Getac Technology Corporation and/or any of its affiliates. All Rights Reserved.
Information provided herewith is for reference only,
available specification shall be subjected to quotation by request.
V01/MAY/18B/W

Docking Solutions

Vehicle Dock
  - Serial Port: 2
  - External VGA: 1
  - Microphone: 1
  - Audio Output: 1
  - DC in Jack: 1
  - USB: USB 2.0 x 4
  - LAN: 1
  - RF Antenna Connector: 3

Office Dock
  - Serial Port: 1
  - External VGA: 1
  - Microphone: 1
  - Audio Output: 1
  - DC in Jack: 1
  - USB: USB 3.0 x 2
  - LAN: 1
  - RF Antenna Connector: –
X500

Fully Rugged Notebook

- Intel® Core™ i7-4610M vPro™ Processor
- 15.6” TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display
- Optional NVIDIA® GeForce® GTX950M 4GB GDDR5 discrete graphic controller
- Multimedia Bay & PCI/PCle Expansion Unit
## Specifications

### Operating System
- Windows 10 Professional
- Windows 7 Professional

### Mobile Computing Platform
- Intel® Core™ i7-4610M vPro® Processor 3.0GHz, Max 3.7GHz, with Intel® Turbo Boost Technology
- 4MB Intel® Smart Cache
- Mobile Intel® QM87 Express chipset
- Intel® Core™ i5-4310M vPro® Processor 2.7GHz, Max 3.4GHz, with Intel® Turbo Boost Technology
- 3MB Intel® Smart Cache
- Mobile Intel® QM87 Express chipset

### VGA Controller
- Intel® HD Graphics 4600
- Optional NVIDIA® GeForce® GTX950M 4GB GDDR5 discrete graphic controller

### Display
- 15.6” TFT LCD FHD (1920 x 1080)
- Optional 800 nits QuadraClear® sunlight readable display with touchscreen

### Storage & Memory
- 8GB DDR3 expandable to 16GB\(^1\)
- SATA HDD 500GB; Optional SATA HDD 1TB
- Optional SATA SSD 128GB / 256GB / 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 x 1
- Smart card reader x 1
- SD Card Reader x 1

### Multimedia Bay
- DVD super multi drive
- Optional 2nd\(^{st}\) battery
- Optional 2nd\(^{st}\) storage: HDD 500GB / 1TB ; SSD 128GB / 256GB / 512GB / 1TB

### Multimedia Bay
- 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 (0-pin) x 2
- USB 2.0 (4-pin) x 1
- USB 2.0 / eSATA Combo x 1
- RJ45 x 2
- Optional IEEE1394a x 1

### 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 (0-pin) x 2
- USB 2.0 (4-pin) x 1
- USB 2.0 / eSATA Combo x 1
- RJ45 x 2
- Optional IEEE1394a x 1

### Docking Solutions

<table>
<thead>
<tr>
<th>Docking Solution</th>
<th>Serial Port</th>
<th>External VGA</th>
<th>Microphone</th>
<th>Audio Output</th>
<th>DC in Jack</th>
<th>USB</th>
<th>LAN</th>
<th>Video Capture</th>
<th>DVI</th>
<th>RF antenna Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Dock</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>1</td>
<td>1</td>
<td>--</td>
<td>3 (optional)</td>
</tr>
<tr>
<td>Office Dock</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>1</td>
<td>--</td>
<td>1</td>
<td>--</td>
</tr>
</tbody>
</table>

\(^1\) Share memory size may vary by different operating system and RAM size.
\(^2\) Optional RF antenna pass through for GPS, PC or PCI-Express Expansion Unit are mutually exclusive options.
\(^3\) 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.
\(^4\) Battery life testing conducted under MobileMark 2007. Battery performance may vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions.
\(^5\) Weight and dimensions vary from configurations and optional accessories.
\(^6\) MIL-STD-461F 90W AC adapter sold separately.
\(^7\) PCI expansion unit or PCI-E option is not available with ANSI / ISA 12.12.01 configurations.
\(^8\) Tested by a national independent third party test lab following MIL-STD-810G.

### Operating System
- Windows 7 Professional
- Windows 10 Professional

### Communication Interface
- 10/100/1000 base-T Ethernet
- Intel® Dual Band Wireless-AC 7260, 802.11ac
- Bluetooth® (v4.0)\(^3\)
- Optional SiRFstarIV™ GPS
- Optional 3G mobile broadband

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

### Power
- AC adapter (90W, 100-240VAC, 50 / 60Hz)
- Li-ion smart battery (10.8V, 8700mAh)\(^7\)
- Optional Multimedia Bay 2nd\(^{nd}\) 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)\(^8\)

### Rugged Feature
- MIL-STD-810G certified and IP65 certified
- MIL-STD-461F certified
- Optional ANS/ISA 12.12.01\(^{vii}\)
- Full magnesium alloy case
- Shock-protected removable HDD
- Vibration & drop resistant

### Environmental Specification
- Temperature\(^{viii}\): Operating: -5°C to 55°C / -4°F to 131°F
- Storage: -40°C to 71°C / -4°F to 160°F
- Humidity: 95% RH, non-condensing

### Accessories
- Backpack
- Multi-Bay Charger (Dual Bay)
- Vehicle Adapter (90W, 11-16VDC and 22-32VDC)
- MIL-STD-461F certified AC adapter (90W, 100-240VAC)
- Protective film
- PCI or PCI-Express Expansion Unit (x 2 slots)
- Main battery (10.8V, 8700mAh)
- AC adapter (90W, 100-240VAC)
- Multimedia bay 2nd\(^{nd}\) battery (10.8V, 8700mAh)
- Multimedia Bay 2nd\(^{nd}\) HDD
- Vehicle dock
- Office dock

---

Getac recommends Windows.

---

Getac Technology Corporation
SF, Building A, No. 209, Section 1, Nangang Rd., Nangang Dist.,
Taipei City, 11588, Taiwan, R.O.C.
Tel: +886 2 2785 7888
globalmarketing@getac.com
www.getac.com