

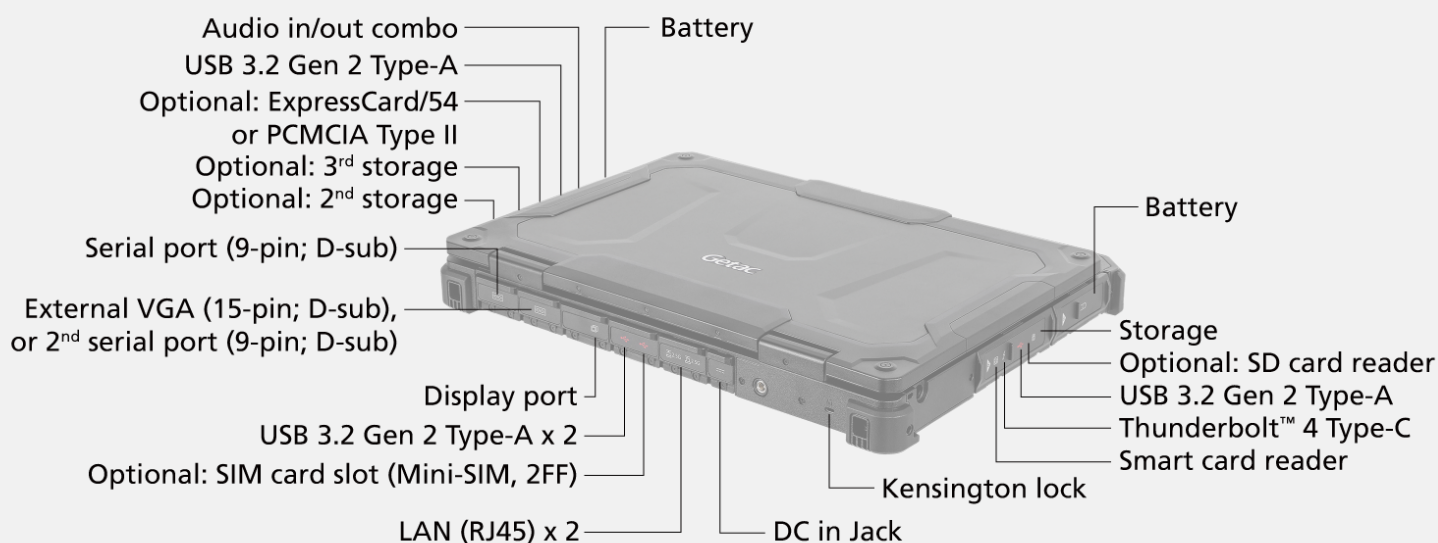
# X600 FULLY RUGGED LAPTOP



- 11th Generation Intel® Core™ i7 / i5 vPro® Processor
- 15.6" FHD LumiBond display with Getac sunlight readable technology (1,000 nits) and optional capacitive touchscreen
- Enhanced enterprise security features with TPM 2.0, Kensington lock, triple user-replaceable storage and Smart card reader
- Versatile I/Os connectivity including Thunderbolt™ 4 and docking solutions
- Dual batteries with the hot-swappable capability
- Optional discrete graphic NVIDIA® Quadro® RTX3000



X600 3D demo



SPECIFICATIONS

Operating System

Windows 11 Pro

Mobile Computing Platform

Intel® Core™ i5-11500HE vPro® Processor  
Max. 4.5GHz with Intel® Turbo Boost Technology  
- 12MB Intel® Smart Cache

Platform options:

Intel® Core™ i7-11850HE vPro® Processor  
Max. 4.7GHz with Intel® Turbo Boost Technology  
- 24MB Intel® Smart Cache

Intel® Xeon® W-11865MRE vPro® Processor  
Max. 4.7GHz with Intel® Turbo Boost Technology  
- 24MB Intel® Smart Cache

Graphics

Intel® UHD Graphics  
Optional: NVIDIA® Quadro® RTX3000  
6GB discrete graphics controller <sup>i, ii, iii</sup>  
Optional: NVIDIA® GeForce® GTX1650  
4GB discrete graphics controller <sup>i, ii</sup>  
Optional: NVIDIA® RTX™ A4500  
16GB discrete graphics controller <sup>i, ii, iii</sup>

Display

15.6" TFT LCD FHD (1920 x 1080)  
Protection film  
1,000 nits LumiBond display with Getac sunlight  
readable technology  
Optional: Capacitive multi-touch screen

Storage & Memory

16GB DDR4  
Optional: 32GB / 64GB / 128GB DDR4

512GB PCIe SSD  
Optional: 1TB / 2TB PCIe SSD  
Optional 2<sup>nd</sup> storage: 512GB / 1TB / 2TB PCIe SSD  
Optional 3<sup>rd</sup> storage: 512GB / 1TB / 2TB PCIe SSD

Keyboard

LED backlit membrane keyboard  
with integrated numeric keypad

Pointing Device

Touchscreen  
- Optional: Capacitive multi-touch screen  
Touchpad  
- Touchpad with two buttons

Audio

Integrated stereo speakers  
Integrated dual-array microphone

Expansion Slot

Smart card reader  
Optional: ExpressCard 54 or PCMCIA Type II <sup>iv</sup>  
Optional: SD card reader

I/O Interface

5MP webcam x 1  
Thunderbolt™ 4 Type-C x 1 <sup>xiii</sup>  
USB 3.2 Gen 2 Type-A x 4  
LAN (RJ-45) x 2  
Audio in/out combo x 1  
DC in Jack x 1  
HDMI 2.0 x 1  
Display port x 1  
Docking connector x 1  
Serial port (9-pin; D-sub) x 1  
External VGA (15-pin; D-sub) x1 or 2<sup>nd</sup>  
serial port (9-pin; D-sub) x 1 <sup>v</sup>  
Optional: SIM card slot x 1 (Mini-SIM, 2FF) <sup>vi</sup>  
Optional: RF antenna pass-through for GPS,  
WWAN and WLAN

Communication Interface

2.5GBASE-T Ethernet  
Intel® Wi-Fi 6E AX210, 802.11ax  
Bluetooth (v5.2) <sup>vii</sup>  
Optional: Dedicated GPS with L1/L5 <sup>viii, ix</sup>  
Optional: 4G LTE mobile broadband with  
integrated GPS <sup>vi, viii</sup>

Security Feature

TPM 2.0  
Kensington lock  
Smart card reader  
Intel® vPro® Technology  
Getac Disk Wipe  
Optional: Absolute Persistence®

Power

AC adapter (150W, 100-240VAC, 50/60Hz) <sup>ii</sup>  
AC adapter (230W, 100-240VAC, 50/60Hz) <sup>i</sup>  
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2

Dimension (W x D x H) & Weight

412 x 322 x 52.5mm (16.22" x 12.68" x 2.07") <sup>x</sup>  
4.41kg (9.72lbs) <sup>y</sup>

Rugged Feature

MIL-STD-810H certified  
IP66 certified  
MIL-STD-461G certified <sup>xi</sup>  
Vibration and 4ft (1.2m) drop resistant  
Optional: ANSI/UL 121201, CSA C22.2 NO. 213  
(Class I, Division 2, Groups A, B, C, D)  
Optional: Salt fog certified

Environmental Specification

Temperature <sup>xii</sup> :  
- Operating: -29°C to 63°C / -20°F to 145°F  
- Storage: -51°C to 71°C / -60°F to 160°F  
Humidity:  
- 95% RH, non-condensing

Pre-installed Software

Getac Utility  
Getac Geolocation  
Optional: Absolute Secure Endpoint  
Optional: Absolute Secure Access

Optional software

Getac VGPS Utility

Accessories

Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2  
AC adapter (150W, 100-240VAC, 50/60Hz) <sup>ii</sup>  
or AC adapter (230W, 100-240VAC, 50/60Hz) <sup>i</sup>  
Capacitive stylus with tether

Optional:

Backpack  
Battery (10.8V, typical 6900mAh; min. 6600mAh)  
Multi-Bay charger (Dual-Bay)  
AC adapter (150W, 100-240VAC, 50/60Hz) <sup>ii</sup>  
AC adapter (230W, 100-240VAC, 50/60Hz) <sup>i</sup>  
Office dock AC adapter (230W, 100-240VAC, 50/60Hz) <sup>i</sup>  
MIL-STD-461 AC adapter (230W, 100-240VAC) <sup>x</sup>  
DC-DC vehicle adapter (230W, 11-32VDC)  
Capacitive stylus with tether  
Protection film  
Vehicle dock  
Office dock <sup>ii</sup>  
Spare SSD kit

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-toBumper is your hassle-free guarantee. That means you can depend on us to have your unit back in service within days.

Standard

3 years Bumper-to-Bumper

X600 FULLY RUGGED LAPTOP

- I. The configuration with a discrete graphic controller requires the 230W AC adapter.
- II. 150W AC adaptor is not applicable with discrete graphic controller nor office dock.
- III. For X600 optional NVIDIA® Quadro® RTX3000, the operating temperature is 0°C to 63°C / 32°F to 145°F.
- IV. ExpressCard 54 and PCMCIA Type II card readers are mutually exclusive.
- V. The 2<sup>nd</sup> serial port is optional and mutually exclusive with External VGA.
- VI. Units with 4G LTE option comes with an embedded SIM card slot.
- VII. 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.
- VIII. Dedicated GPS and 4G LTE are mutually exclusive options.
- IX. Support GPS, GLONASS, Galileo, BeiDou and QZSS.
- X. Weight and dimensions vary from configurations and optional accessories.
- XI. MIL-STD-461 230W AC adapter sold separately.
- XII. Tested by an independent third-party test lab following MIL-STD-810H.
- XIII. Does not support USB power delivery.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

|                      | Office Dock | Vehicle Dock        |
|----------------------|-------------|---------------------|
| Serial Port          | 1           | 2                   |
| External VGA         | 1           | 1                   |
| Microphone           | 1           | -                   |
| Audio Output         | 1           | -                   |
| DC in Jack           | 1           | 1                   |
| USB                  | 5           | 6                   |
| LAN                  | 2           | 2                   |
| HDMI                 | 1           | 1                   |
| Display port         | 1           | 1                   |
| RF Antenna Connector | -           | 1 (GPS, WWAN, WLAN) |
| Kensintonlock        | 1           | 1                   |



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