# X600 FULLY RUGGED NOTEBOOK

CERTIFIED MIL-STD 810H

CERTIFIED MIL-STD 461G

INGRESS PROTECTION IP66

4' DROP

OPTIONAL SALT FOG RESISTANCE
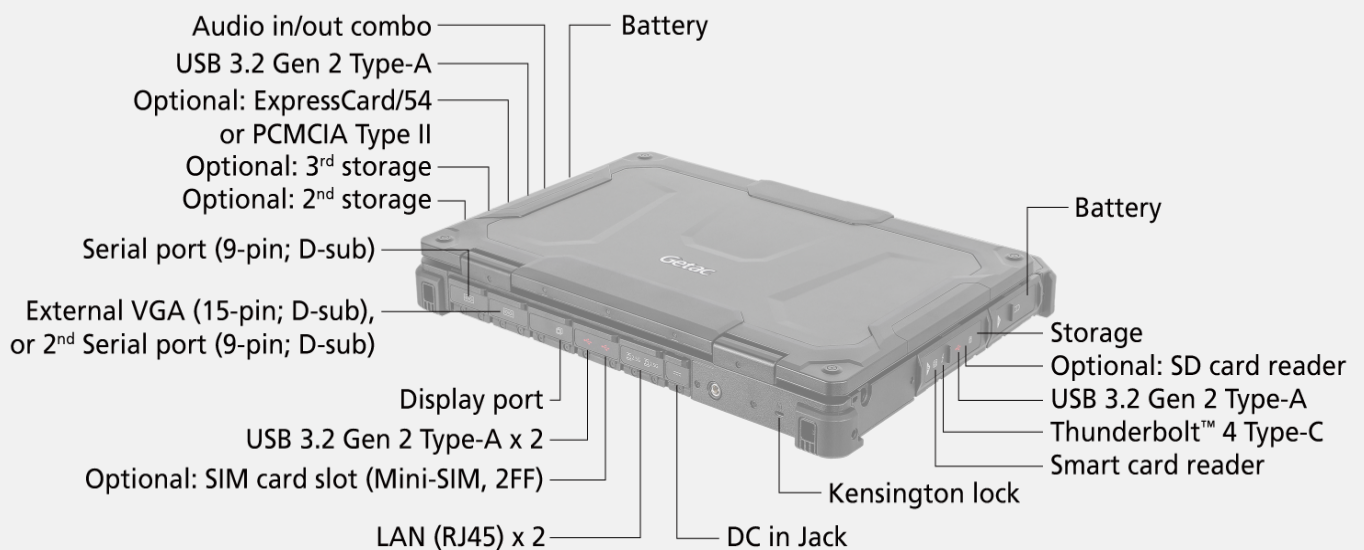
X600 3D demo

- 11th Generation Intel® Core™ i9 / 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

Audio in/out combo
USB 3.2 Gen 2 Type-A
Optional: ExpressCard/54 or PCMCIA Type II
Optional: 3rd storage
Optional: 2nd storage
Serial port (9-pin; D-sub)
External VGA (15-pin; D-sub), or 2nd Serial port (9-pin; D-sub)
Display port
USB 3.2 Gen 2 Type-A x 2
Optional: SIM card slot (Mini-SIM, 2FF)
LAN (RJ45) x 2
DC in Jack
Kensington lock
Battery
Battery
Storage
Optional: SD card reader
USB 3.2 Gen 2 Type-A
Thunderbolt™ 4 Type-C
Smart card reader

# SPECIFICATIONS

## Operating System
Windows 10 Pro [i]
Windows 11 Pro

## Mobile Computing Platform
Intel® Core™ i5-11500H vPro® Processor
Max. 4.6GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

### Platform options:
Intel® Core™ i7-11850H vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

Intel® Core™ i9-11950H vPro® Processor
Max. 4.9GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

## VGA Controller
Intel® UHD Graphics
Optional: NVIDIA® Quadro® RTX3000 6GB discrete graphics controller [ii, iii]
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller [ii, iii]

## 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 2nd storage: 512GB / 1TB / 2TB PCIe SSD
Optional 3rd 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

## Expansion Slot
Smart card reader
Optional: ExpressCard 54 or PCMCIA Type II [iv]
Optional: SD card reader

## I/O Interface
FHD webcam x 1
Thunderbolt™ 4 Type-C x 1
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 2nd serial port (9-pin; D-sub) x 1 [v]
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [vi]
Optional: Windows Hello face-authentication camera (front-facing) x 1
Optional: RF antenna pass-through for GPS, WWAN and WLAN

## Communication
2.5GBASE-T Ethernet
Intel® Wi-Fi 6E AX210, 802.11ax
Bluetooth (v5.2) [vii]
Optional: Dedicated GPS [viii]
Optional: 4G LTE mobile broadband with integrated GPS [vi, viii]

## Security Feature
TPM 2.0
Kensington lock
Smart card reader
Intel® vPro® Technology

## Power
AC adapter (150W, 100-240VAC, 50/60Hz) [iii]
AC adapter (230W, 100-240VAC, 50/60Hz) [ii]
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") [ix]
4.41kg (9.72lbs) [ix]

## Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [x]
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 resistant

## Environmental Specification
Temperature [xi]:
- 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 Persistence®

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## Accessories
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
AC adapter (150W, 100-240VAC, 50/60Hz) [iii] or
AC adapter (230W, 100-240VAC, 50/60Hz) [ii]
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) [iii]
AC adapter (230W, 100-240VAC, 50/60Hz) [ii]
Office dock AC adapter (230W, 100-240VAC, 50/60Hz) [ii]
MIL-STD-461 AC adapter (230W, 100-240VAC) [x]
DC-DC vehicle adapter (230W, 11-32VDC)
Capacitive stylus with tether
Protection film
Vehicle dock
Office dock [iii]
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 the Bumper-to-Bumper warranty, to help minimise your enterprise IT costs. Bumper-to-Bumper is your hassle-free guarantee. That means you can depend on Getac to have your unit back in service within days.

## Standard
3 years Bumper-to-Bumper

| | 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) |
| Kensington lock | 1 | 1 |