# X600 PRO FULLY RUGGED LAPTOP

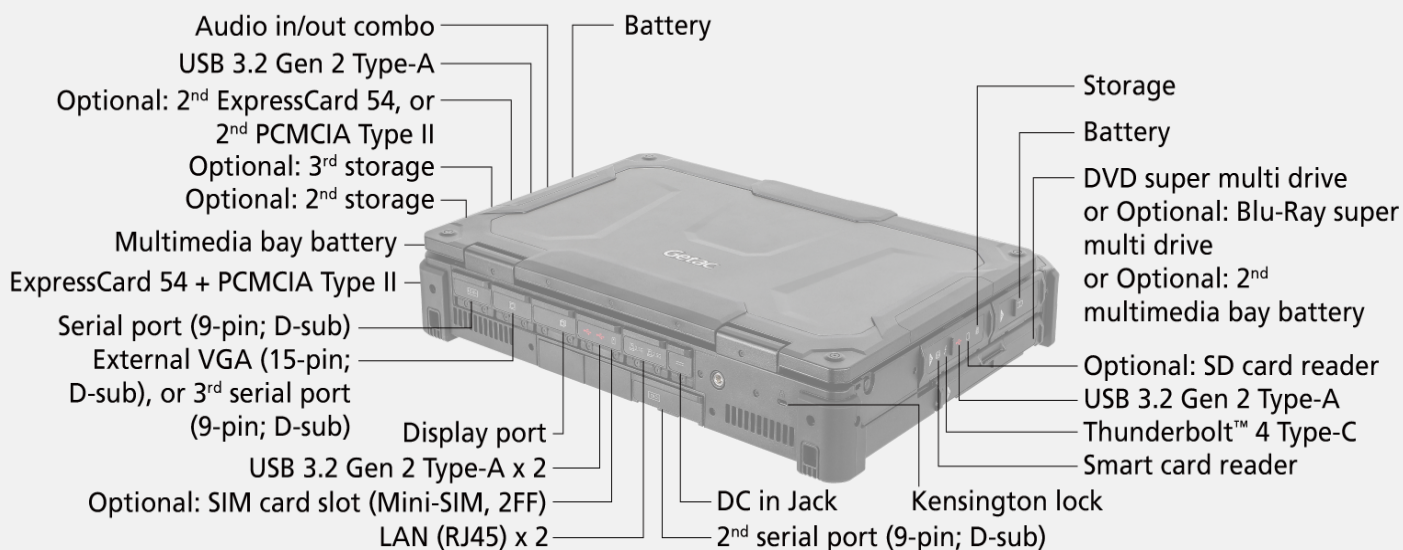CERTIFIED MIL-STD 810H    CERTIFIED MIL-STD 461G    INGRESS PROTECTION IP66    4' DROP    CERTIFIED ANSI    OPTIONAL SALT FOG RESISTANCE

X600 Pro 3D demo

- 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

- Optional discrete graphic NVIDIA® Quadro® RTX3000

- Expandable modules for additional ports, batteries, DVD super multi drive, and connectivity

Audio in/out combo
USB 3.2 Gen 2 Type-A
Optional: 2$^{nd}$ ExpressCard 54, or 2$^{nd}$ PCMCIA Type II
Optional: 3$^{rd}$ storage
Optional: 2$^{nd}$ storage
Multimedia bay battery
ExpressCard 54 + PCMCIA Type II
Serial port (9-pin; D-sub)
External VGA (15-pin; D-sub), or 3$^{rd}$ 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

Battery

Storage
Battery
DVD super multi drive or Optional: Blu-Ray super multi drive or Optional: 2$^{nd}$ multimedia bay battery
Optional: SD card reader
USB 3.2 Gen 2 Type-A
Thunderbolt™ 4 Type-C
Smart card reader

DC in Jack
2$^{nd}$ serial port (9-pin; D-sub)
Kensington lock

# 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

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

**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
ExpressCard 54 + PCMCIA Type II
Optional: 2nd ExpressCard 54 or 2nd PCMCIA Type II [iv]
Optional: SD card reader

**Multimedia Bay**
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)
DVD super multi drive [v]
Optional: Multimedia bay 2nd battery (11.1V, typical 4200mAh; min. 3980mAh) or Blu-Ray super multi drive [v]

**I/O Interface**
5M 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 2
External VGA (15-pin; D-sub) x 1 or 3rd Serial port (9-pin; D-sub) x 1 [vi]
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [vii]
Optional: RF antenna pass-through for GPS, WWAN and WLAN x 1

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

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

**Power**
AC adapter (230W, 100-240VAC, 50/60Hz) [i]
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh) x 1
Optional: Multimedia bay 2nd battery (11.1V, typical 4200mAh; min. 3980mAh) [v]

**Dimension (W x D x H) & Weight**
412 x 322 x 77.4mm (16.22" x 12.68" x 3.05") [x]
6.05kg (13.34lbs) [x]

**Rugged Feature**
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xi]
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 [xii]:
- 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®

**Accessories**
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh) x 1
AC adapter (230W, 100-240VAC, 50/60Hz) [i]
Capacitive stylus with tether

**Optional:**
Backpack
Battery (10.8V, typical 6900mAh; min. 6600mAh)
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)
Multi-Bay charger (Dual-Bay)
Multimedia bay DVD super multi drive [v]
Multimedia bay Blu-Ray super multi drive [v]
AC adapter (230W, 100-240VAC, 50/60Hz) [i]
Office dock AC adapter (230W, 100-240VAC, 50/60Hz) [i]
MIL-STD-461 AC adapter (230W, 100-240VAC) [xi]
DC-DC vehicle adapter (230W, 11-32VDC)
Capacitive stylus with tether
Protection film
Vehicle dock
Office dock
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-to-Bumper 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

| | Office Dock | Vehicle Dock |
|---|---|---|
| Serial Port | 1 | 1 |
| 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 |

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# Getac