

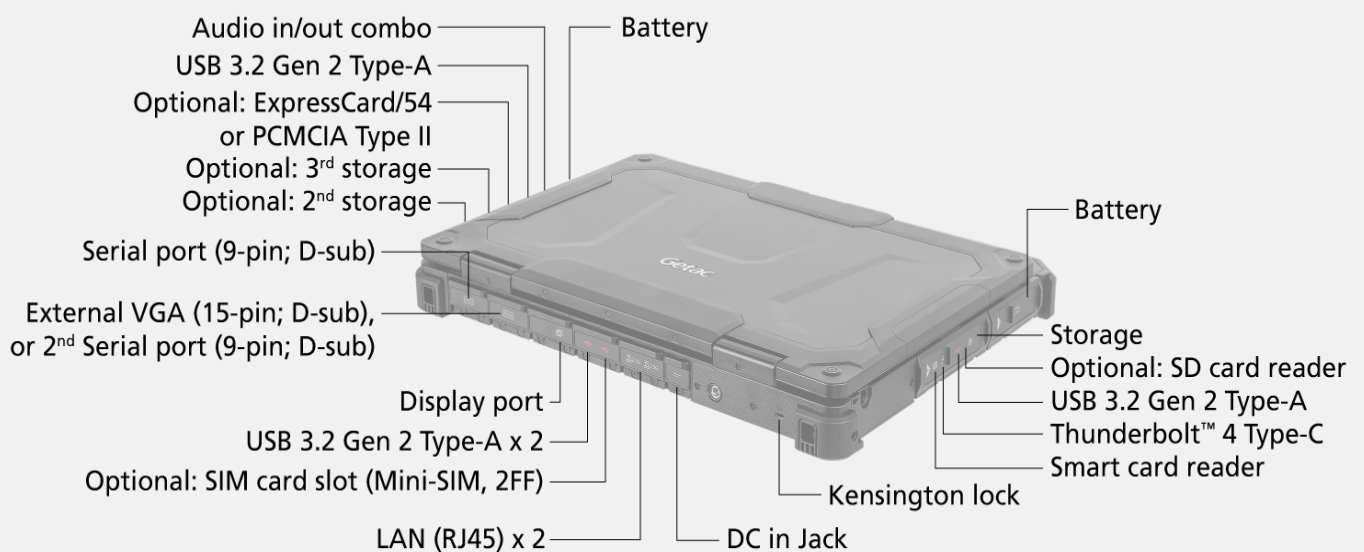
## X600 FULLY RUGGED NOTEBOOK



- 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



X600 3D demo



# SPECIFICATIONS

## Generation

G1

## Operating System

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<sup>i, ii, iii</sup>  
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller<sup>i, ii</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

## Expansion Slot

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

2.5GBASE-T Ethernet  
Intel® Wi-Fi 6E AX210, 802.11ax  
Bluetooth (v5.2)<sup>vii</sup>  
Optional: Dedicated GPS<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

## 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>x</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 resistant

## 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 Persistence<sup>o</sup>

# X600 FULLY RUGGED NOTEBOOK

## 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 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

- I. The configuration with a discrete graphic controller requires the 230W AC adapter.
- II. 150W AC adapter 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.

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)
Kensington lock	1	1

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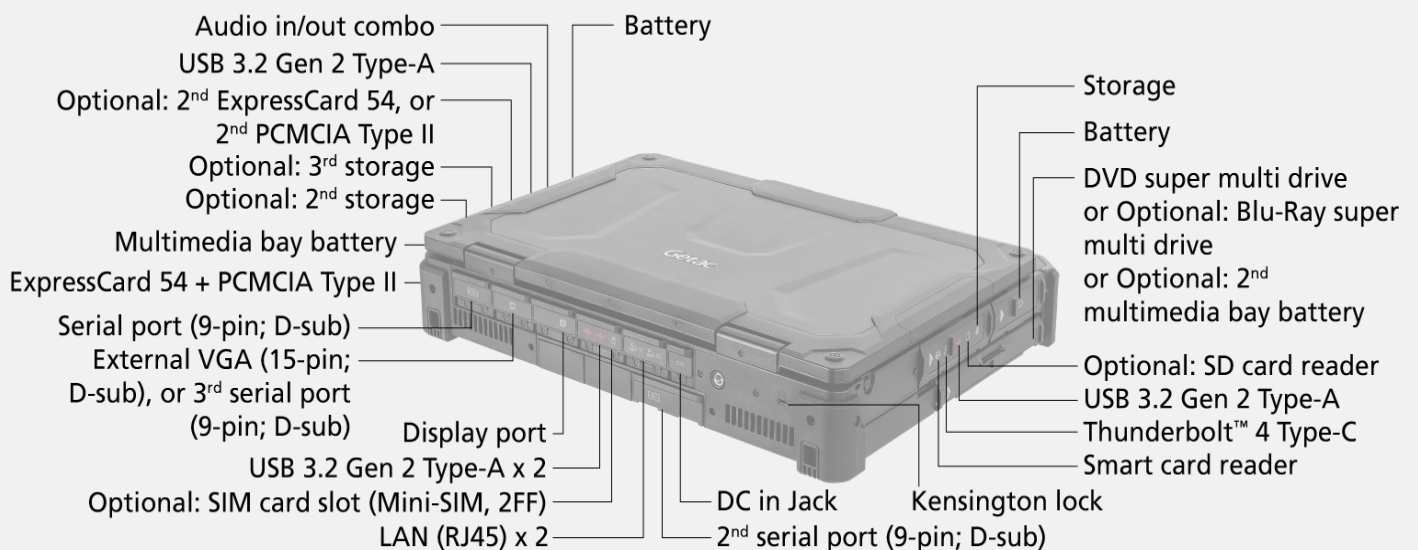


# X600 PRO FULLY RUGGED NOTEBOOK

- 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
- Optional discrete graphic NVIDIA® Quadro® RTX3000
- Expandable modules for additional ports, batteries, DVD super multi drive, and connectivity



X600 Pro 3D  
demo



# SPECIFICATIONS

## Generation

G1

## Operating System

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. 4.9GHz 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<sup>i, ii, iii</sup>  
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller<sup>i, ii</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

## Expansion Slot

Smart card reader  
ExpressCard 54 + PCMCIA Type II  
Optional: 2<sup>nd</sup> ExpressCard 54 or 2<sup>nd</sup> PCMCIA Type II<sup>iv</sup>  
Optional: SD card reader

## Multimedia Bay

Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)  
DVD super multi drive<sup>v</sup>  
Optional: Multimedia bay 2<sup>nd</sup> battery (11.1V, typical 4200mAh; min. 3980mAh) or Blu-Ray super multi drive<sup>v</sup>

## 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 2  
External VGA (15-pin; D-sub) x 1 or 3<sup>rd</sup> Serial port (9-pin; D-sub) x 1<sup>vi</sup>  
Optional: SIM card slot x 1 (Mini-SIM, 2FF)<sup>vii</sup>  
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)<sup>viii</sup>  
Optional: Dedicated GPS<sup>ix</sup>  
Optional: 4G LTE mobile broadband with integrated GPS<sup>vii</sup>

## Security Feature

TPM 2.0  
Kensington lock  
Smart card reader  
Intel® vPro® Technology

## Power

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

## Dimension (W x D x H) & Weight

412 x 322 x 77.4mm (16.22" x 12.68" x 3.05")<sup>x</sup>  
6.05kg (13.34lbs)<sup>x</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 resistant

## 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 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)<sup>i</sup>  
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<sup>v</sup>  
Multimedia bay Blu-Ray super multi drive<sup>v</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>xi</sup>  
DC-DC vehicle adapter (230W, 11-32VDC)  
Capacitive stylus with tether  
Protection film  
Vehicle dock  
Office dock  
Spare SSD kit

# X600 PRO FULLY RUGGED NOTEBOOK

## 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

- 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 Pro optional NVIDIA® Quadro® RTX3000, the operating temperature is 0°C to 63°C / 32°F to 145°F.
- IV. The 2nd ExpressCard 54 and the 2nd PCMCIA Type II card readers are mutually exclusive.
- V. DVD super multi drive, Blu-Ray super multi drive, and the 2nd multimedia bay battery are mutually exclusive.
- VI. The 3rd Serial port is optional and mutually exclusive with External VGA.
- VII. Units with 4G LTE option comes with an embedded SIM card slot.
- VIII. 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.
- IX. Dedicated GPS and 4G LTE are mutually exclusive options.
- 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-813H.

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

	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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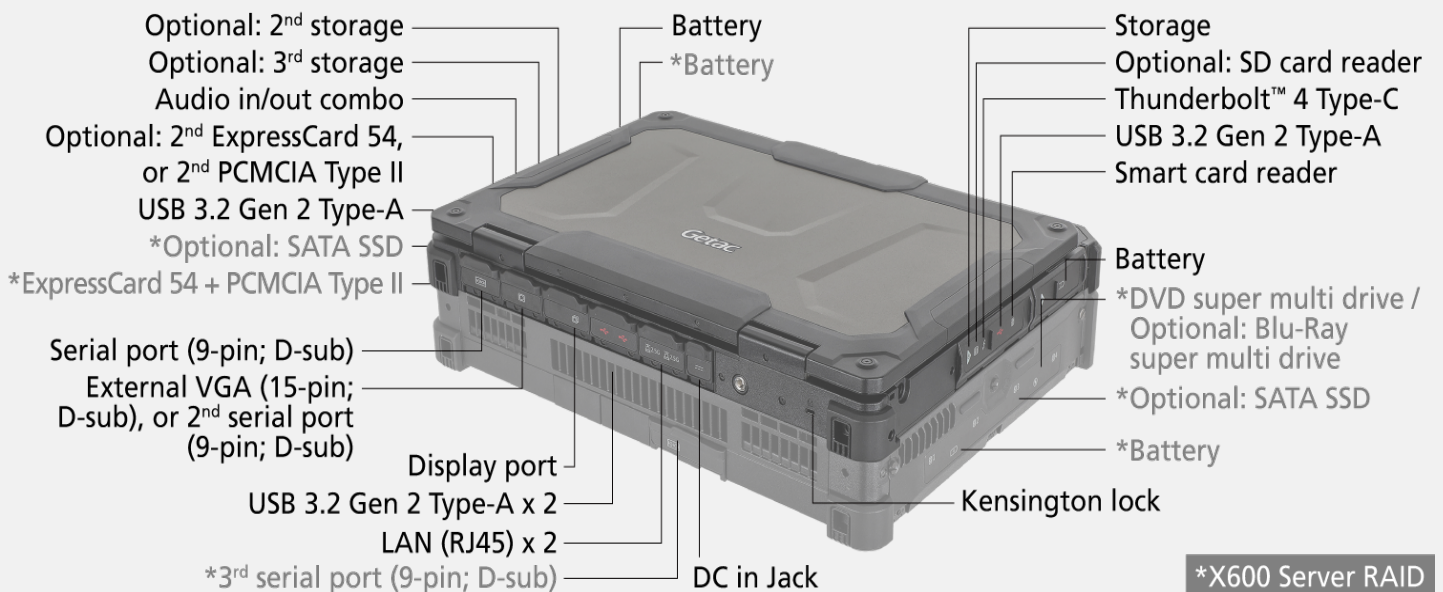
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## X600 SERVER FULLY RUGGED NOTEBOOK



- 11th Generation Intel® Xeon® W-11855M 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
- Expandable modules for additional ports, batteries, DVD super multi drive, and connectivity





# SPECIFICATIONS

## Generation

G1

## Operating System

Windows Server 2022

## Mobile Computing Platform

Intel® Xeon® W-11855M Processor  
Max. 4.9GHz with Intel® Turbo Boost Technology  
- 18MB Intel® Smart Cache

## VGA Controller

Intel® UHD Graphics

## 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

32GB DDR4  
Optional: 64GB / 128GB DDR4  
1TB Enterprise PCIe SSD  
Optional: 2TB Enterprise PCIe SSD  
Optional: 2<sup>nd</sup> Storage: 1TB / 2TB Enterprise PCIe SSD  
Optional: 3<sup>rd</sup> Storage: 1TB / 2TB Enterprise PCIe SSD  
Disk management: RAID 5<sup>i</sup>

## 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 + PCMCIA Type II<sup>ii</sup>  
Optional: 2<sup>nd</sup> ExpressCard 54 or 2<sup>nd</sup> PCMCIA Type II<sup>iii</sup>  
Optional: SD card reader

## Multimedia Bay

Optional: DVD super multi drive<sup>ii, iv</sup> or Blu-Ray super multi drive<sup>iv</sup>

## X Bay

Optional: Enterprise SATA SSD 4TB (1TB x 4) maximum expandable to 16TB (2TB x 8)  
Disk management: RAID 0, RAID 1, RAID 5

## 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  
Serial port (9-pin; D-sub) x 1  
External VGA (15-pin; D-sub) x 1 or 2<sup>nd</sup> Serial port (9-pin; D-sub) x 1<sup>v</sup>  
Optional: 3<sup>rd</sup> Serial port (9-pin; D-sub) x 1<sup>ii</sup>

## Communication

2.5GBASE-T Ethernet

## Security Feature

TPM 2.0  
Kensington lock  
Smart card reader  
Intel® vPro® Technology

## Power

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

## Dimension (W x D x H) & Weight

X600 Server:  
412 x 322 x 52.5mm (16.22" x 12.68" x 2.07")<sup>vii</sup>  
4.41kg (9.72lbs)<sup>vi, vii</sup>

## X600 Server RAID:

412 x 322 x 108.8mm (16.22" x 12.68" x 4.28")<sup>viii</sup>  
8.51kg (18.76lbs)<sup>vi, viii</sup>

## Rugged Feature

MIL-STD-810H certified  
IP66 certified  
MIL-STD-461G certified<sup>ix</sup>  
Vibration and 3ft (0.9m) drop resistant<sup>x</sup>

## Environmental Specification

Temperature<sup>xi</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  
Optional: Absolute Persistence®

## Accessories

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

## Optional:

Backpack  
Battery (10.8V, typical 6900mAh; min. 6600mAh)  
Multi-Bay charger (Dual-Bay)  
Multimedia bay DVD super multi drive<sup>ii, iv</sup>  
Multimedia bay Blu-Ray super multi drive<sup>iv</sup>  
AC adapter (150W, 100-240VAC, 50/60Hz)<sup>xiii</sup>  
AC adapter (230W, 100-240VAC, 50/60Hz)  
MIL-STD-461 AC adapter (230W, 100-240VAC)<sup>ix</sup>  
Capacitive stylus with tether  
Protection film  
Spare SSD kit<sup>xiv</sup>  
X-Bay SSD kit<sup>xv</sup>

## 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

# X600 SERVER FULLY RUGGED NOTEBOOK

- I. RAID 5 configuration will require 3 storages for X600 Server without RAID.
- II. Default spec in the X600 Server RAID
- III. The 2<sup>nd</sup> ExpressCard 54 and the 2<sup>nd</sup> PCMCIA Type II card readers are mutually exclusive.
- IV. DVD super multi drive and Blu-Ray super multi drive are mutually exclusive.
- V. The 2<sup>nd</sup> Serial port is optional and mutually exclusive with External VGA.
- VI. Weight and dimensions vary from configurations and optional accessories.
- VII. Dimension for X600 Server
- VIII. Dimension for X600 Server RAID.
- IX. MIL-STD-461 230W sold separately.
- X. X600 Server without RAID can withstand 4ft drop.
- XI. Tested by an independent third-party test lab following MIL-STD-810H.
- XII. X600 Server RAID comes with 4 batteries and an AC adapter (230W, 100-240VAC, 50/60Hz).
- XIII. 150W AC Adapter is compatible with X600 Server.
- XIV. Spare SSD Kit is an enterprise PCIe SSD. Compatible with X600 Server and X600 Server RAID.
- XV. X-bay SSD Kit is an Enterprise SATA SSD. Compatible with X600 Server RAID.

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

# Getac

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