X600 Server RAID

X600 Server
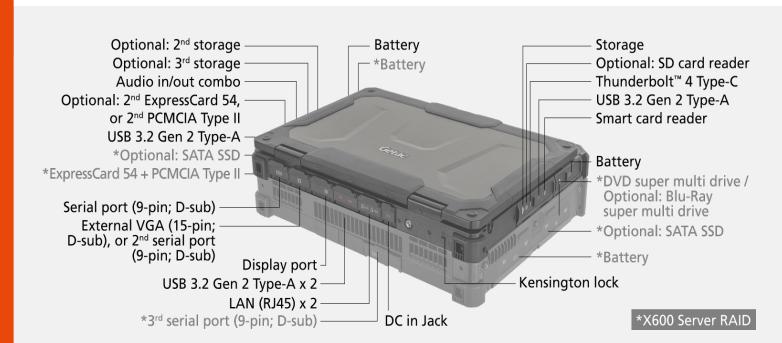
X600 SERVER FULLY RUGGED NOTEBOOK

- 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

Optional: 2nd storage
Optional: 3rd storage
Audio in/out combo
Optional: 2nd ExpressCard 54, or 2nd PCMCIA Type II
USB 3.2 Gen 2 Type-A
*Optional: SATA SSD
*ExpressCard 54 + PCMCIA Type II

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
LAN (RJ45) x 2
*3rd serial port (9-pin; D-sub)

Battery
*Battery

DC in Jack

Storage
Optional: SD card reader
Thunderbolt™ 4 Type-C
USB 3.2 Gen 2 Type-A
Smart card reader

Battery
*DVD super multi drive / Optional: Blu-Ray super multi drive
*Optional: SATA SSD
*Battery

Kensington lock

*X600 Server RAID

Rugged Mobile Computing Solutions

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: 2nd Storage: 1TB / 2TB Enterprise PCIe SSD
Optional: 3rd Storage: 1TB / 2TB Enterprise PCIe SSD
Disk management: RAID 5 [i]

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 [ii]
Optional: 2nd ExpressCard 54 or 2nd PCMCIA Type II [iii]
Optional: SD card reader

Multimedia Bay
Optional: DVD super multi drive [ii, iv] or Blu-Ray super multi drive [iv]

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 2nd Serial port (9-pin; D-sub) x 1 [v]
Optional: 3rd Serial port (9-pin; D-sub) x 1 [ii]

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 [ii]

Dimension (W x D x H) & Weight
X600 Server:
412 x 322 x 52.5mm (16.22" x 12.68" x 2.07") [vii]
4.41kg (9.72lbs) [vi, vii]

X600 Server RAID:
412 x 322 x 108.8mm (16.22" x 12.68 x 4.28") [viii]
8.51kg (18.76lbs) [vi, viii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [ix]
Vibration and 3ft (0.9m) drop resistant [x]

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
Optional: Absolute Persistence®

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

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

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 2nd ExpressCard 54 and the 2nd PCMCIA Type II card readers are mutually exclusive.
IV. DVD super multi drive and Blu-Ray super multi drive are mutually exclusive.
V. The 2nd 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 enterprice 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.