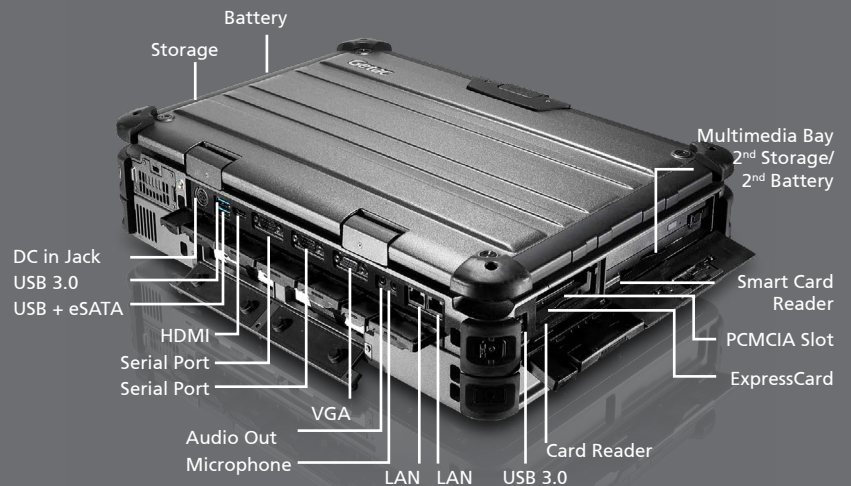# Getac

X500 SERVER
FULLY RUGGED
MOBILE SERVER

- Intel® Xeon® Processor E3-1505M v6

- 15.6" TFT LCD FHD with Getac QuadraClear® Sunlight Readable Display

- Optional NVIDIA® GeForce® GTX950M 4GB discrete graphic controller

- Optional RAID expansion unit with up to 5TB storage capacity and RAID configurable 0,1,5

CERTIFIED
MIL-STD 810G

INGRESS PROTECTION
IP65

X500 Mobile Server

Multimedia Bay
2nd Battery

Multimedia Bay
2nd Storage

Battery

Storage

DC in Jack
USB 3.0
USB + eSATA

HDMI
Serial Port
Serial Port

VGA

Audio Out
Microphone

LAN   LAN   USB 3.0

Card Reader

Multimedia Bay
2nd Storage/
2nd Battery

Smart Card
Reader

PCMCIA Slot

ExpressCard

Specifications

Operating System
Windows Server 2016

Mobile Computing Platform
Intel® Xeon® Processor E3-1505M v6
3.0GHz, Max. 4.0GHz
- 8MB Intel® Smart Cache

VGA Controller
Intel® HD Graphics 630
Optional NVIDIA® GeForce®
GTX950M 4GB discrete graphic
controller

Display
15.6" TFT LCD FHD (1920 x 1080)
1000 nits QuadraClear® sunlight
readable display

Storage & Memory
32GB DDR4 expandable to 64GB
Optional 32GB DDR4 ECC
expandable to 64GB
SATA HDD 500GB; Optional SATA
HDD 1TB
Optional SATA SSD 512GB / 1TB
Disk management : RAID 0, RAID 1[i]

Keyboard
LED backlit membrane keyboard
with integrated numeric keypad
Optional LED backlit rubber
keyboard

Pointing Device
Touchpad
- Glide touchpad with scroll bar

Expansion Slot
Optional PCMCIA Type II x 1
ExpressCard/54 x 1
Smart Card reader x 1
SD Card Reader x 1

Multimedia Bay
2nd storage: HDD 500GB
Optional 2nd storage[ii]:
HDD 1TB ; SSD 512 GB /1TB
Optional 2nd battery[ii]:
10.8V, 8700mAh

X Bay
Optional SATA HDD 3TB maximum
expandable to 5TB
Disk management : RAID 0, RAID
1, RAID 5

I/O Interface
Serial port (9-pin; D-sub) x 2
External VGA (15-pin; D-sub) x 1
Microphone (Mini-jack) x 1
Audio output (Mini-jack) x 1
DC in Jack x 1
USB 3.0 (9-pin) x 4
LAN (RJ45) x 2
HDMI x 1

Communication Interface
10/100/1000 base-T Ethernet
Optional dedicated GPS

Software
Getac Utility
Adobe® Reader®
Adaptec Storage ManagerTM[ii]
Optional Absolute DDS® Persistence

Security Feature
Intel® vPro™ Technology
TPM 2.0
Smart Card reader
Kensington lock

Power
AC adapter
(150W, 100-240VAC, 50 / 60Hz)
Li-Ion smart battery
(10.8V, 8700mAh)[iii]
Optional Multimedia Bay 2nd Li-Ion
smart battery (10.8V, 8700mAh)[ii]

Dimension (W x D x H)
410 x 290 x 119 mm[v]

Weight
8.6 kg[iv]

Rugged Feature
MIL-STD-810G certified
IP65 certified
Full magnesium alloy case
Shock-protected removable HDD
Vibration & drop resistant

Environmental Specification
Temperature[vi]:
- Operating: -20°C to 55°C
- Storage: -40°C to 71°C
Humidity:
- 95% RH , non-condensing

Accessories
Backpack[ii]
Multi-Bay Charger (Dual Bay)
Protection film
Main battery (10.8V, 8700mAh)
AC adapter (150W, 100-240VAC)
Multimedia bay 2nd battery
(10.8V, 8700mAh)[ii]
Multimedia Bay 2nd HDD[ii]

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 new 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
5 years Bumper-to-Bumper
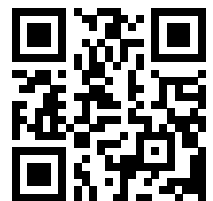
X500
Fully Rugged
Mobile Server

Getac

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i   2nd multimedia HDD is required for RAID 0, RAID 1 configuration.
ii   Software, hardware and accessories may vary depending on configuration.
iii Battery life testing conducted under MobileMark 2007. Battery performance will vary upon software applications,
     wireless settings, power management settings, LCD brightness, customized modules and environmental
     conditions. The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac
     service provider. Battery life and charge cycles vary by use and settings.
iv   Weight and dimensions vary from configurations and optional accessories.
v   Dimension measured with expansion unit.
vi   Tested by a national independent third party test lab following MIL-STD-810G. Recommend system boot-up
     temperature below 40°C.