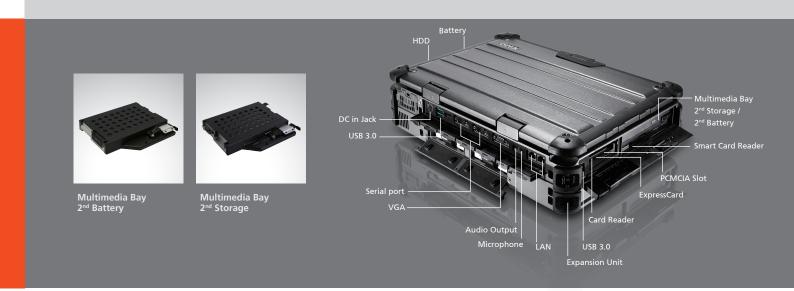# Getac

# X500 SERVER FULLY RUGGED MOBILE SERVER

- Intel® Xeon® Processor E3-1505M v6

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

- 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

**Multimedia Bay 2nd Battery**

**Multimedia Bay 2nd Storage**

Battery
HDD
DC in Jack
USB 3.0
Serial port
VGA
Audio Output
Microphone
LAN
USB 3.0
Expansion Unit
Card Reader
ExpressCard
PCMCIA Slot
Smart Card Reader
Multimedia Bay 2nd Storage / 2nd Battery

**Rugged Mobile Computing Solutions**

# Specifications

# X500 SERVER
## Fully Rugged
## Mobile Server

**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 P630
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**
PCMCIA Type II x 1
ExpressCard/54 x 1
Smart Card reader x 1
SD Card Reader x 1

**Multimedia Bay**
$2^{nd}$ storage: HDD 500GB
Optional $2^{nd}$ storage[ii]: HDD 1TB ; SSD 512 GB /
1TB
Optional $2^{nd}$ 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 x 4
LAN (RJ45) x 2
HDMI x 1

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

**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)
Optional Multimedia Bay 2nd Li-Ion smart
battery (10.8V, 8700mAh)[ii]

**Dimension (W x D x H) & Weight**
410 x 290 x 65 mm (16.1" x 11.4" x 2.5"),
5.2 kg (11.4 lbs)[iii]
410 x 290 x 119 mm (16.1 x 11.4 x 4.6")[iv],
8.6 kg (18.9 lbs)[iii]

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

**Environmental Specification**
Temperature[v]:
  - Operating: -20°C to  55°C / -4°F to 131°F
  - Storage: -40°C to 71°C / -40°F to 160°F
Humidity:
  - 95% RH , non-condensing

**Software**
Getac Utility
Adobe® Reader®
Adaptec Storage Manager™ [ii]
Optional Absolute DDS® Persistence

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

i   $2^{nd}$ multimedia HDD is required for RAID 0,
    RAID 1 configuration.
ii  Software, hardware and accessories may vary
    depending on configuration.
iii Weight and dimensions vary from configura-
    tions and optional accessories.
iv  Dimension measured with expansion unit.
v   Tested by a national independent third party
    test lab following MIL-STD-810G. Recommend
    system boot-up temperature below 40°C.



# Getac

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