Rugged Mobility

Getac X500 Server

FULLY RUGGED MOBILE SERVER

Superior Computing Performance, Mobility and Expandability to Serve Multiple Applications Anywhere

For More Information Visit www.ruggedmobility.com.au

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

The Getac X500 Fully Rugged Mobile Server

Getac X500 Fully Rugged Mobile Server is the world's first server-class fully rugged notebook, providing substantial data storage and enabling quick server deployment in the field where a secure network is not available.

The new Getac X500 Fully Rugged Mobile Server offers high-speed performance, thanks to Intel's Core i7 quad-core processor, a discrete VGA card, 16GB of RAM and up to 5TB RAID storage. Professionals in defence and industrial sectors are now able to run multiple memory intensive tasks simultaneously for more efficient computing.

Flexible Rugged Mobile System

The X500 Fully Rugged Mobile Server is MIL-STD-810G certified and IP65 rated. It is a mobile system that combines capabilities of a laptop and server. The multiple RAID level 0, 1, 5 configurations optimize data storage capacity and prevent data loss while handling data in any harsh environment.

Running the new Microsoft Windows Server 2012 means that the X500 Rugged Mobile Server is highly flexible and scalable in server clustering deployment Server clustering delivers the network load balancing and fault tolerance features to guarantee the system reliability and uptime.

Ruggedisation

MIL-STD-810G certified and IP65 certified
Full magnesium alloy case
Shock-protected removable HDD
Vibration & drop resistant
Optional night vision

SPECIFICATIONS

FEATURES

OS

Windows® Server 2012

CPU

Intel® Core™ i7 vPro™ Technology
- Intel Core i7-820QM vPro™ Processor 1.73 GHz, Max. 3.06GHz with Intel® Turbo Boost Technology
- 8MB L3 Smart Cache
- Mobile Intel® QM57 Express chipset

STORAGE & MEMORY

16GB DDR3
SATA HDD 500GB
Disk management : RAID 0, RAID 1[i]

DISPLAY

15.6'' TFT LCD FHD (1920 x 1080)

800 nits QuadraClear™ sunlight readable display

NVIDIA® GeForce® GT330M 1GB discrete graphic controller

EXPANSION SLOTS

PCMCIA Type II x 2

ExpressCard/54 x 1

Smart card reader x 1

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 2.0 (4-pin) x 3
USB 2.0 / eSATA Combo x 1
LAN (RJ45) x 2

COMMUNICATIONS INTERFACE

10/100/1000 base-T Ethernet
Intel® Centrino® Advanced-N 6200; 802.11 a/b/g/n
Bluetooth (v2.1+EDR class 2)
Optional GPS
Optional Gobi™ mobile broadband

POWER SUPPLY

AC adapter (150W, 100-240VAC, 50 / 60Hz)

Li-Ion smart battery (8700mAh)[iii]

Optional Mutlimedia Bay 2nd Li-Ion smart battery (8700mAh)[ii]

SECURITY FEATURE

Intel® vPro™ Technology
TPM 1.2
Fingerprint scanner
Smart card reader
Kensington lock

ENVIRONMENTAL SPECIFICATION

Temperature[vi]:
- Operating: -20°C to 45°C / -4°F to 113°F
- Storage: -51°C to 71°C / -60°F to 160°F

Humidity:
- 95% RH , non-condensing

KEYBOARD

LED backlit membrane keyboard with integrated numeric keypad

GENERAL

410 x 290 x 65 mm, 5.2 kg[iv]

410 x 290 x 119 mm[v], 8.6 kg[iv]

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 BatteryMark 4.0.1. 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 varies 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.

[All specifications are subject to change without notice.]