Getac

Getac B300
Fully Rugged Notebook

Empower Your Mission

Feature-rich Rugged Notebook
for Any Demanding Environment

B300

Fully Rugged

Notebook

Rugged Mobile Computing Solutions

Long Battery Life

QuadraClear™ Technology

Night Vision

Backlit Keyboard

Fanless

USB 3.0

- Industry-leading Getac QuadraClear™ Sunlight Readable Technology: Optional 1400 Nits LCD with Touchscreen
- 2nd Generation Intel® Core™ i7-2649M vPro™ Processor
- Up to 30 Hours of Battery Life with Dual Battery System[iii]
- MIL-STD-810G and IP65 Certified
- MIL-STD-461F Certified
- Optional LTE 4G WWAN[ii]
- Optional Salt Fog Compliance
- Optional Night Vision

The B300 is a hard-as-nails road warrior designed to be productive and worry-free mobile computing, and it is fully customizable. It is MIL-STD-810G and IP65 certified, boasting: a magnesium alloy case, a shock-protected HDD, vibration and shock resistance, and sealed I/O caps and doors to prevent damage from solid particles and moisture. Equipped with ultimate performance Intel® Core™ i7 processor, B300 offers parallel graphic performance with discrete VGA, and long battery life up to 30 hours - the industry's best for around the clock computing!

The B300 embraces several advanced security features to safeguard important data, including a fingerprint scanner, TPM 1.2, Intel® vPro™ and smart card reader. It also includes comprehensive connectivity options of Bluetooth, LTE 4G/3G WWAN and GPS.

B300 features an ultra-bright 13.3" QuadraClear™ sunlight readable display. The elective 1400 nits display solution leads the industry with an unmatched effective contrast ratio that makes the B300 the ideal choice for daylight viewing. The fan-less design of B300 eliminates the risk of failure and reduces down time under critical environments for stable operation.

Interface

Back Side
- DC in Jack x1
- USB 3.0 x 1
- Docking Connector x 1
- External VGA x 1
- Serial Port x 2

Left Side
- Battery x 1
- Multimedia Bay x 1
- Smart Card Reader (only with DVD Super Multi Drive) x 1

Right Side
- HDD x 1
- Expansion Card Slot x 2
- USB 3.0 / eSATA Combo x 2
- HDMI x 1
- IEEE 1394a x 1
- 2-in-1 Memory-Card Reader x 1
- Modem (RJ11) x 1
- LAN (RJ45) x1
- Audio Output x 1
- Microphone x 1
- External GPS Antenna Port (only with Optional GPS) x 1

Industry Applications

Public Safety

B300 is especially designed for rescuers, firefighters, ambulance crew, and policemen who spend prolonged periods of time inside a vehicle on missions. Unlike other fixed-mount models, its vehicle dock allows easy installation and removal, resulting in greater user mobility. The computer can be easily moved between the office space and the police car, fire truck, or other vehicles. Built-in Wi-Fi and 3G technology enable investigation report uploads and police database access anytime.

Military

Featuring sunlight readable and night vision display, IP65 certified B300 is highly versatile and customizable to suit any kind of military environment – from battle array simulation in the glaring sunlight, night time shooting training in the wilds, military equipment management and maintenance, to vehicle diagnosis. B300 is a powerful and durable computer custom made for outdoor usage.

Professional Service

The IP65-certified, drop resistant B300 is a must for ecology scientists or environment surveyors working under various extreme humidity or temperatures. Its optional Salt Fog anticorrosion coating and special mechanical design also makes it ideal for navigation.

Optional Accessories

Vehicle Dock
W x D x H: 307.3 x 325.1 x 106.7mm
(12.1" x 12.8" x 4.2")

- USB 2.0 x 4
- LAN (RJ45) x 1
- Audio Output x 1
- Microphone x 1
- DC in Jack x1
- External VGA x 1
- Serial Port x 2
- PS/2 x 2

Office Dock
W x D x H: 329 x 124.8 x 94mm
(13" x 4.9" x 3.7")

- USB 2.0 x 4
- LAN (RJ45) x 1
- Audio Output x 1
- Microphone x 1
- DC in Jack x1
- External VGA x 1
- Serial Port x 2
- PS/2 x 2

Carry Bag | Battery Charger | Main Battery (8700mAh) | Multimedia Bay 2nd Battery (8700mAh) | Multimedia Bay 2nd HDD | AC Adapter (90W, 100-240VAC)

Vehicle Adapter (90W, 11-16VDC and 22-32VDC) | MIL-STD-461F Certified AC Adapter (90W, 100-240VAC) | Stylus | Protection Film

Specifications

Operating System	Genuine Windows® 7 Professional
Mobile Computing Platform	Intel® Core™ i7 vPro™ Technology - Intel® Core i7-2649M vPro™ Processor 2.3GHz, Max. 3.2GHz with Intel® Turbo Boost Technology - 4MB L3 Intel® Smart Cache - Mobile Intel® QM67 Express chipset
	Intel® Core™ i5 vPro™ Technology - Intel® Core i5-2520M vPro™ Processor 2.5GHz, Max. 3.2GHz with Intel® Turbo Boost Technology - 3MB L3 Intel® Smart Cache - Mobile Intel® QM67 Express chipset
VGA Controller	Intel® HD Graphics 3000[i]
Display	13.3" TFT LCD XGA (1024 x 768) 700 nits display with optional touchscreen Optional 1400 nits QuadraClear™ sunlight readable display with touchscreen
Storage & Memory	2GB DDR3 expandable to 8GB SATA HDD 320GB / 500GB Optional SATA SSD 120GB / 160GB
Keyboard	Membrane keyboard Optional LED backlit membrane keyboard Optional LED backlit rubber keyboard
Pointing Device	Touchscreen - Optional pressure sensitive touchscreen Touchpad - Glide touchpad with scroll bar
Expansion Slot	PCMCIA Type II x 1 + ExpressCard/54 x 1 Smart card reader x 1 2-in-1 memory card reader x 1
Multimedia Bay	DVD super multi drive Optional 2nd battery Optional 2nd storage: HDD 320 GB; SSD 80 / 160 GB
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 1 USB 3.0 / eSATA Combo x 2 Modem (RJ11) x 1 LAN (RJ45) x 1 IEEE 1394a x 1 HDMI x 1 External GPS antenna port (only with optional GPS) x 1 Docking connector (80-pin) x 1 Optional RF antenna pass-through for WLAN and WWAN

Communication Interface	10/100/1000 base-T Ethernet 56K ITU V.92 modem Intel® Centrino® Advance-N 6205; 802.11 a/b/g/n Bluetooth (v2.1+EDR class 2) Optional GPS Optional Gobi™2000 mobile broadband Optional LTE 4G WWAN[ii]
Software	Getac Utility Adobe® Reader® Computrace® Compatible BIOS
Security Feature	Intel® vPro™ Technology TPM 1.2 Fingerprint scanner Smart Card Reader (only with DVD Super Multi Drive) Kensington lock
Power	AC adapter (90W, 100-240VAC, 50 / 60Hz) Li-Ion smart battery (8700mAh) (up to 15 hours of battery life)[iii] Optional Mutlimedia Bay 2nd Li-Ion smart battery (8700mAh)
Dimension (W x D x H) & Weight	303.5 x 263 x 60 mm (11.9" x 10.35" x 2.36"), 3.5 kg (7.7 lbs)[iv]
Rugged Feature	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified[v] Optional UL1604 Class 1, Division 2, Group A, B, C, D Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant Optional salt fog compliance Optional night vision
Environmental Specification	Temperature[vi]: - Operating: -29°C to 60°C / -20°F to 140°F - Storage: -51°C to 71°C / -60°F to 160°F Humidity: - 95% RH , non-condensing

i   Share memory size may vary by different operating system and RAM size.

ii   Ready in 4th Quarter, 2011.

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 varies from configurations and optional accessories.

v   MIL-STD-461F 90W AC adapter sold separately.

vi   Tested by a national independent third party test lab following MIL-STD-810G.