



Rugged Mobile Computing Solutions



B300 Fully Rugged Notebook













Long Battery Life

QuadraClear[™] Night Vision Technology

Ва

Backlit Keyboard

Fanless

less 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 Systemiii
- MIL-STD-810G and IP65 Certified
- MIL-STD-461F Certified
- Optional LTE 4G WWANⁱⁱ
- 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® CoreTM 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

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Windows®. Life without Walls™. Getac recommends Windows 7.

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



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



Office Dock

USB 2.0 x 4

• LAN (RJ45) x 1

• Microphone x 1 DC in Jack x1

Audio Output x 1

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



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



Vehicle Adapter (90W, 11-16VDC and 22-32VDC)



MII-STD-461F Certified AC Adapter (90W, 100-240VAC)



Stylus



Protection Film

AC Adapter (90W, 100-240VAC)



Specifications

Operating System Genuine Windows® 7 Professional

Intel® Core™ i7 vPro™ Technology **Mobile Computing Platform**

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

Intel® HD Graphics 3000 VGA Controller

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 Bav 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

10/100/1000 base-T Ethernet Communication Interface

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

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

AC adapter (90W, 100-240VAC, 50 / 60Hz) Power

Li-Ion smart battery (8700mAh) (up to 15 hours of battery life)

Optional Mutlimedia Bay 2nd Li-Ion smart battery

(8700mAh)

303.5 x 263 x 60 mm (11.9" x 10.35" x 2.36"), Dimension (W x D x H) & 3.5 kg (7.7 lbs)iv Weight

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

- 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.

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

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











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Assured Systems

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