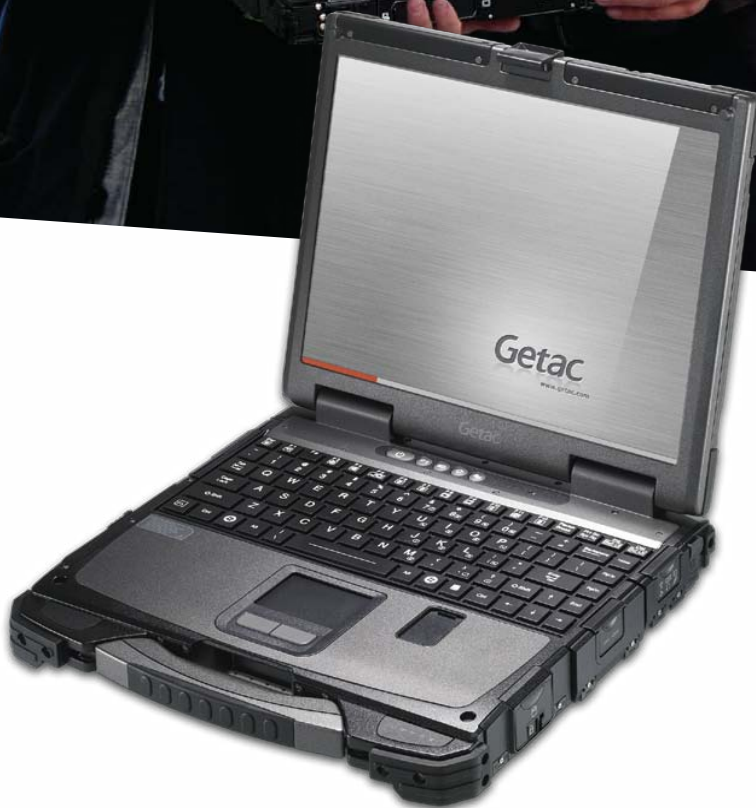# Getac

Getac B300 Fully Rugged Notebook

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

Empower Your Mission

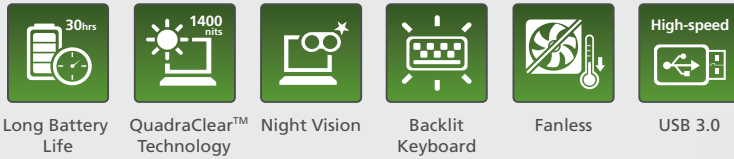*Feature-rich Rugged Notebook
for Any Demanding Environment*

B300

Fully Rugged

Notebook

Rugged Mobile Computing Solutions

B300   *Fully Rugged* **Notebook**

Long Battery Life — 30hrs

QuadraClear™ Technology — 1400 nits

Night Vision

Backlit Keyboard

Fanless

USB 3.0 — High-speed

- 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

Rugged Mobile Computing Solutions

Industry Applications

Public Safety

B300 is especially designed for rescuers, firefighters, ambulance crew, and police-men 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.

Getac EUROPE

Germany Office -
Getac Technology GmbH
Kanzlerstrasse 4
40472 Düsseldorf, Germany
Tel: +49 211 984 8190

Italy Office
Via Belvedere,
57 20043 Arcore (MB), Italy
Tel. +39 039 617720

UK Office - Getac (UK) Ltd.
Mitac house, Nedge Hill, Telford,
Shropshire, TF3 3AH, U.K.
Tel: +44 1952 207 231

Getac NORTH AMERICA

USA Office - Getac Inc.
43 Tesla, Irvine, CA 92618, USA
Toll Free: +1 866 GO GETAC
      (1 866 464 3822)

www.getac.com

Getac ASIA

China Office -
Getac Mobile Ltd.
- Kunshan Office:
No.300 (Building, Processing Zone),
No.1 Avenue, Export Processing
Zone, Changjiang South Road,
Kunshan City, Jiangsu, China
Tel: +86 512 57366000 # 1408
Fax: +86 512 57382090

- Shanghai Office:
2/F, No.213, Jiangchang Third Road,
Zhabei District, Shanghai, China
Tel: +86 21 61431188 # 1032
Fax: +86 21 61401023

- Beijing Office:
Room 501, Haowei Building,
No.25 Beitai Pingzhuang Rd.,
Haidian District, Beijing, China
Tel: +86 10 62381104
     +86 10 62381108 # 2040

Taiwan Office -
Getac Technology Corporation
5F, Building A, No. 209,
Section 1, Nangang Rd.,
Nangang Dist.,Taipei City,
11568, Taiwan, R.O.C.
Tel: +886 2 2785 7888

SALES CONTACT

North America
ruggedsales@getac.com

South America
sales-getac-SAmerica@getac.com

EMEA
sales-getac-EMEA@getac.com
 - Germany:
  sales-getac-DACH@getac.com
 - Italy:
  sales-getac-Italy@getac.com
 - UK:
  sales-getac-UK@getac.com

Asia Pacific
sales-getac-APAC@getac.com
 - China:
  sales-getac-China@getac.com
 - Japan:
  sales-getac-Japan@getac.com

MARKETING CONTACT

Global
Globalmarketing@getac.com

North America
NorthAmericamarketing@getac.com

South America
SouthAmericamarketing@getac.com

EMEA
EMEAmarketing@getac.com

Asia Pacific
APACmarketing@getac.com

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660