

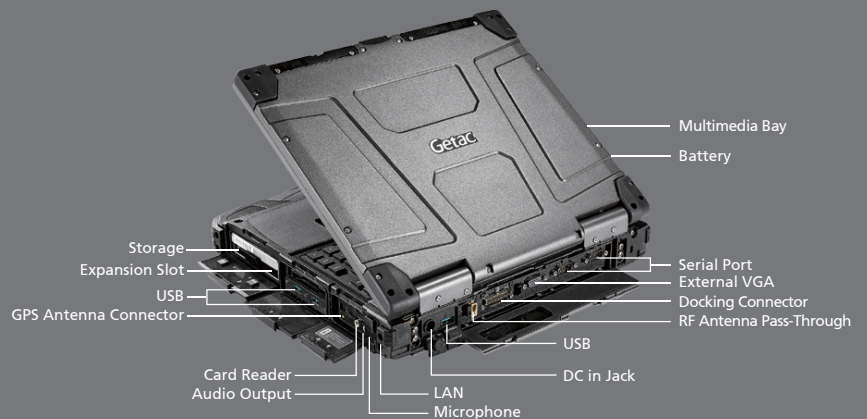


B300 FULLY RUGGED NOTEBOOK

- 8th Generation Intel® Core™ i7 / i5 vPro™ Processor
- 13.3 " Getac QuadraClear® Sunlight Readable Display up to 1400 Nits
- Enhanced Enterprise Security with optional Intel vPro, Windows Disk Encryption, TPM 2.0 and many more multi-factor authentication options
- Extreme ruggedness with 4ft operating drop rating, vibration and sand resistant and operating temperatures of -29°C ~ 60°C (-20°F ~ 140°F)



Office Dock



Specifications

Generation

G7

Operating System

Windows 10 Pro

Mobile Computing Platform

Intel® Core™ i5 Technology
Intel® Core™ i5-8350U Processor 1.6GHz
Max. 3.4GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Platform Options:

Intel® Core™ i5 vPro™ Technology
Intel® Core™ i5-8350U Processor 1.7GHz
Max. 3.6GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i7 Technology
Intel® Core™ i7-8650U Processor 1.8GHz
Max. 4.0GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7 vPro™ Technology
Intel® Core™ i7-8650U Processor 1.9GHz
Max. 4.2GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

VGA Controllor

Intel® UHD Graphics¹

Display

13.3" TFT LCD XGA (1024 x 768)
Protection film
700 nits display
Optional: 1400 nits QuadraClear® sunlight readable display with touchscreen

Storage & Memory

8GB DDR4
Optional: 16GB / 32GB DDR4
256GB SATA SSD
Optional: 512GB / 1TB SATA SSD

Keyboard

LED backlit membrane keyboard
Optional: LED backlit rubber keyboard

Pointing Device

Touchscreen
- Optional: Pressure sensitive touchscreen
Touchpad
- Glide touchpad with scroll bar

Expansion Slot

SD Card Reader x 1
Smart Card Reader x 1
PCMCIA Type II x 1 + ExpressCard / 54 x 1

Multimedia Bay

Optional: DVD super multi drive
Optional: 2nd batteryⁱⁱ
Optional: 2nd storage: 256GB / 512GB / 1TB SATA SSD

I/O Interface

Microphone (Mini-jack) x 1
Audio output (Mini-jack) x 1
DC In Jack x 1
USB 3.0 x 3
LAN (RJ45) x 1
HDMI x 1
Docking connector x 1
External VGA (15-pin; D-sub) x 1
Serial port (9-pin; D-sub) x 2
External GPS antenna port (only with optional GPS) x 1
Optional: RF antenna pass-through for GPS and WWAN
Optional: USB 3.1 Gen 1 Type C X 1ⁱⁱⁱ

Communication Interface

10/100/1000 base-T Ethernet
Intel® Dual Band Wireless-AC 8265, 802.11ac
Bluetooth® (v4.2)^{iv}
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband

Security Feature

TPM 2.0
Kensington lock
Optional Intel® vPro™ Technology
Optional: Fingerprint reader
Optional: Smart Card reader (only with DVD Super Multi Drive)

Power

AC adapter (90W, 100-240VAC, 50 / 60Hz)
Li-Ion smart battery (10.8V, typical 8700mAh;
min. 8100mAh)
Optional: Multimedia Bay 2nd Li-Ion smart battery
(10.8V, typical 8700mAh; min. 8100mAh)

Dimension (W x D x H) & Weight

303.5 x 263 x 60 mm (11.9" x 10.35" x 2.36")
Standard configuration: Approx. 3.5 kg (7.7 lbs)^v
Fully configured: Approx. 4.3 kg (9.5 lbs)^v

Rugged Feature

MIL-STD-810G certified
IP65 certified
MIL-STD-461G certified^{vi}
Vibration & 6 feet drop resistant
Full magnesium alloy case
Shock-protected removable HDD
Optional: ANSI / ISA 12.12.01¹
Optional: Salt fog compliance
Optional: Night vision

Environmental Specification

Temperatureⁱⁱ:
- 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

Pre-installed Software

Getac Utility
Getac Geolocation
Optional: Absolute Persistence⁸

Accessories

Battery (10.8V, typical 8700mAh; min. 8100mAh)
AC Adapter (90W, 100-240VAC)

Optional:

Carry Bag
Battery (10.8V, typical 8700mAh; min. 8100mAh)
Multimedia Bay 2nd HDD
Multimedia Bay 2nd Battery (10.8V, typical 8700mAh; min. 8100mAh)
Multi-Bay Charger (Dual Bay)
Multi-Bay Charger (Eight Bay)
AC Adapter (90W, 100-240VAC)
Office Dock AC Adapter (90W, 100-240VAC)
MIL-STD-461 Certified AC Adapter (90W, 100-240VAC)
Vehicle Adapter (120W, 11-32VDC)
Stylus
Protection Film
Vehicle Dock
Office Dock

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 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 Share memory size may vary by different operating system and RAM size.
- ii 2nd battery is not available with ANSI / ISA 12.12.01 configurations.
- iii Mutually exclusive with HDMI I/O Interface.
- iv Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- v Weight and dimensions vary from configurations and optional accessories confirmed by Getac.
- vi MIL-STD-461G 90W AC adapter sold separately.
- vii Tested by a national independent third party test lab following MIL-STD-810G.

B300

Fully Rugged Notebook



Docking Solutions

| | Vehicle Dock | Office Dock |
|----------------------|--|-------------|
| Serial Port | 2 | 2 |
| External VGA | 1 | 1 |
| Microphone | 1 | 1 |
| Audio Output | 1 | 1 |
| DC in Jack | 1 | 1 |
| USB | USB x 4 | USB x 4 |
| LAN | 1 | 1 |
| HDMI | -- | 1 |
| RF Antenna Connector | (GPS, WWAN, WLAN) x GPS, WWAN (optional) | -- |



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC, measurement instruments, and GPS/GNSS-solutions. The company has offices in Sweden, United Kingdom, Germany and Finland.

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