Getac

B300
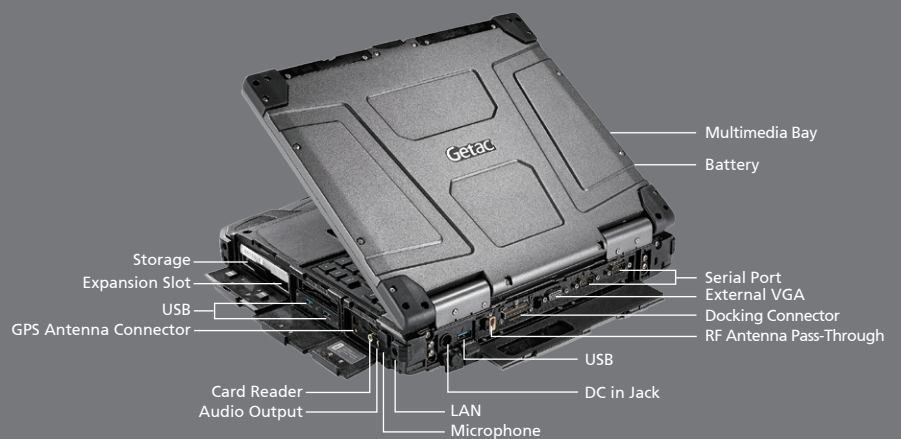# FULLY
RUGGED
NOTEBOOK

- 8th Generation Intel® Core™ i7 / i5 vPro™Processor

- 13.3 " Getac QuadraClear® Sunlight Readable Display up to1400 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)

CERTIFIED MIL-STD 810G   CERTIFIED MIL-STD 461G   INGRESS PROTECTION IP65   CERTIFIED ANSI   OPTIONAL SALT FOG RESISTANCE

Office Dock

Multimedia Bay
Battery
Storage
Expansion Slot
USB
GPS Antenna Connector
Serial Port
External VGA
Docking Connector
RF Antenna Pass-Through
USB
Card Reader
Audio Output
LAN
Microphone
DC in Jack

Rugged Mobile Computing Solutions

Specifications

Operating System
Windows 10 Pro

Mobile Computing Platform
Intel® Core™ i5 Technology
Intel® Core™ i5-8250U 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™ i7-8550U 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 Controller
Intel® UHD Graphics[i]

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 battery[ii]
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 3.2 Gen 1 Type-A 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 3.2 Gen 1 Type C x 1[iii]

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
Opional: 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 12.12.01[ii]
Optional: Salt fog compliance
Optional: Night vision

Environmental Specification
Temperature[vii]:
  - 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 Persistence®

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

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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.

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)	--

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