V110
FULLY RUGGED NOTEBOOK

- Enhanced Enterprise Security with optional Intel vPro, Windows Disk Encryption, TPM 2.0 and many more multi-factor authentication options

- 10th Generation Intel® Core™ Processor

- 11.6" LumiBond® 2.0 Display with Getac Sunlight Readable Technology and Capacitive Touchscreen

- LifeSupport™ Battery Swappable Technology

- Optional Dual Mode Touchscreen (multi-touch and digitizer)

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

Office Dock

Battery
USB 3.0
Headphone out / Mic Combo
SD Card Reader
Smart Card Reader

DC in Jack
HDMI
USB 3.1 Gen 2 Type-A
USB 3.1 Gen 2 Type-A
LAN
Serial Port

Battery
SSD

Rugged Mobile Computing Solutions

Specifications

Generation
G6

Operating System
Windows 10 Pro

Mobile Computing Platform
Intel® Core™ i5 Technology
Intel® Core™ i5-10210U Processor 1.6GHz
Max. 4.2GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Platform Options:
Intel® Core™ i5 vPro™ Technology
Intel® Core™ i5-10310U vPro processor 1.7GHz
Max. 4.4GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i7 Technology
Intel® Core™ i7-10510U Processor 1.8GHz
Max. 4.9GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7 vPro™ Technology
Intel® Core™ i7-10610U vPro processor 1.8GHz
Max. 4.9GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
11.6" IPS TFT LCD FHD (1920 x 1080)
800 nits LumiBond® display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB / 64GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB PCIe NVMe SSD

Keyboard
LED backlit membrane keyboard
Optional: Rubber Keyboard

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)
Touchpad
- Glide touchpad with left-click and right-click buttons

Expansion Slot
SD Card Reader x 1
Smart Card reader x 1
Optional: 1D / 2D imager barcode reader[i]

I/O Interface
FHD webcam x 1
Headphone out / mic-in Combo x 1
DC in Jack x 1
USB 3.0 x 1
USB 3.1 Gen 2 Type-A x 2
LAN (RJ45) x 1
HDMI x 1
Serial port (9-pin; D-sub) x 1
Docking Connector x 1
Optional Windows Hello face-authentication camera (front-facing) x 1[vii]
Optional: RF antenna pass-through for GPS, WLAN and WWAN
Optional: 8M pixels auto focus rear camera x1

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6 AX200, 802.11ax
Bluetooth (v5.1)[ii]
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband

Security Feature
TPM 2.0
Kensington Lock
Optional: Intel® vPro™ Technology
Optional: HF RFID and contactless Smart Card reader[iii]
Optional: Fingerprint scanner

Power
AC Adapter (65W, 100-240VAC, 50 / 60 Hz)
Li-Ion battery (11.1V, typical 2100mAh; min. 2040mAh) x 2
LifeSupport™ battery swappable technology

Dimension (W x D x H) & Weight
313 x 238 x 39 mm (12.32" x 9.37" x 1.53"),
2.1 Kg (4.63 lbs)[iv]

Rugged Feature
MIL-STD-810H certified
IP65 certified
MIL-STD-461G certified[v]
Vibration & 4 feet (1.2 m) drop resistant
e-Mark certified for vehicle usage
Optional: ANSI / UL 121201, CSA C22.2 NO. 213
Optional: Salt fog certified

Environmental Specification
Temperature[vi]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH , non-condensing

Pre-installed Software
Getac Utility
Getac Camera
Getac Geolocation
Getac Barcode Manager[viii]
Optional: Absolute Persistence®

Accessories
Battery (11.1V, typical 2100mAh; min. 2040mAh)
AC Adapter (65W, 100-240VAC)
Capacitive Stylus

Optional:
Carry Bag
Battery (11.1V, typical 2100mAh; min. 2040mAh)
Multi-Bay Charger (Dual Bay)
Multi-Bay Charger (Eight-Bay)
AC Adapter (65W, 100-240VAC)
Office Dock AC Adapter (90W, 100-240VAC)
MIL-STD-461 Certified AC Adapter (90W, 115-230VAC)
Vehicle Adapter (120W, 11-32VDC)
Digitizer Pen
Capacitive Stylus (Hard-tip)
Protection Film
X Strap
Shoulder Strap (2-point)
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
3 years Bumper-to-Bumper

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i   SD Card Reader with Smart Card reader, optional 1D/2D imager barcode reader and optional USB 3.1 Gen 2 Type-C are mutually exclusive. (USB 3.1 Gen 2 Type-C is mutually exclusive with rear camera)
ii   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.
iii 13.56MHz Contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
iv   Weight and dimensions vary from configurations and optional accessories.
v   MIL-STD-461G 90W AC adapter sold separately.
vi   Tested by a national independent third party test lab following MIL-STD-810H.
vii FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
viii Available when barcode reader option is selected.
ix   Available with limited configurations.

V110
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	4	4
LAN	1	1
HDMI	1	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)	--