



# 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™ i7 / i5 vPro™ 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)



Office dock



# Specifications

## Operating System

Windows 10 Pro

## Mobile Computing Platform

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

## Platform options:

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

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

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)  
Protection film  
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 SSD 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

Smart card reader x 1<sup>i</sup>  
Optional: 1D/2D imager barcode reader<sup>i</sup>  
Optional: USB 3.2 Gen 2 Type-C port x 1<sup>i</sup>

## I/O Interface

FHD webcam x 1<sup>ii</sup>  
Audio in/out combo x 1  
DC in Jack x 1  
USB 3.2 Gen 1 Type-A x 1  
USB 3.2 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<sup>iii</sup>  
Optional: RF antenna pass-through for GPS, WWAN and WLAN  
Optional: 8M pixels auto focus rear camera x 1

## Communication Interface

10/100/1000 base-T Ethernet  
Intel® Wi-Fi 6 AX200, 802.11ax  
Bluetooth (v5.2)<sup>iv</sup>  
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<sup>v</sup>  
Optional: Fingerprint reader

## Power

AC adapter (65W, 100-240VAC, 50/60Hz)  
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 39mm (12.32" x 9.37" x 1.53")  
2.1kg (4.63lbs)<sup>v</sup>

## Rugged Feature

MIL-STD-810H certified  
IP65 certified  
MIL-STD-461G certified<sup>vi</sup>  
Vibration & 4ft (1.2m) drop resistant<sup>vii</sup>  
e-Mark certified for vehicle usage  
Optional: ANS/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D)<sup>viii</sup>  
Optional: Salt fog certified

## Environmental Specification

Temperature<sup>ix</sup>:  
- 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<sup>x</sup>  
Optional: Absolute Persistence®

## Accessories

Battery (11.1V, typical 2100mAh; min. 2040mAh)  
AC adapter (65W, 100-240VAC)  
Capacitive stylus with tether

## 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 with tether  
Protection film  
X strap  
Shoulder strap (2-point)  
Vehicle dock  
Office dock  
100W Type-C adapter

## 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

- i Smart card reader, Optional 1D/2D imager barcode reader and Optional USB 3.2 Gen 2 Type-C port are mutually exclusive. (USB 3.2 Gen 2 Type-C port is mutually exclusive with rear camera)
- ii FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- iii 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.
- iv 13.56MHz contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- v Weight and dimensions vary from configurations and optional accessories.
- vi MIL-STD-461G 90W AC adapter sold separately.
- vii Drop test results vary from configurations and optional accessories.
- viii Available with limited configurations.
- ix Tested by an independent third-party test lab following MIL-STD-810H.
- x Available when barcode reader option is selected.

# 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) | --          |

# Getac

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