



# V110 FULLY RUGGED NOTEBOOK

- Enhanced Enterprise Security with optional Intel vPro, Windows Disk Encryption, TPM 2.0 and many more multi-factor authentication options
- 10<sup>th</sup> 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)



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

## I/O Interface

FHD webcam x 1<sup>vi</sup>  
Headphone out / mic-in 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>vii</sup>  
Optional: RF antenna pass-through for GPS,  
WLAN and WWAN  
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>ii</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>iii</sup>  
Optional: Fingerprint Reader

## 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)<sup>iv</sup>

## Rugged Feature

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

## Environmental Specification

Temperature<sup>vi</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>viii</sup>  
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  
Protection Film  
X Strap  
Shoulder Strap (2-point)  
Vehicle Dock  
Office Dock  
100W Type-C Adaptor<sup>x</sup>

## 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 are mutually exclusive. (USB 3.2 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 an 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.
- x Do not support the configurations with  
Discrete Graphic Card.
- xi Drop test results vary from configurations and  
optional accessories.

# 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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