



# 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

Platform Options:

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

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™ 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™ i5 Technology

Intel® Core™ i5-10210U Processor 1.6GHz

Max. 4.2GHz with Intel® Turbo Boost Technology

- 6MB 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<sup>1</sup>

Optional: USB 3.1 Gen 2 Type-C<sup>1</sup> x1

## I/O Interface

FHD webcam x 1 or Optional Windows Hello

face-authentication camera (front-facing) 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: 8M pixels auto focus rear camera<sup>1</sup> x1

Optional: RF antenna pass-through for GPS,

WWAN and WWAN

## Communication Interface

10/100/1000 base-T Ethernet

Intel® Wi-Fi 6 AX200, 802.11ax

Bluetooth (v5.1)<sup>2</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>3</sup>

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)<sup>4</sup>

## Rugged Feature

MIL-STD-810H certified and IP65 certified

MIL-STD-461G certified<sup>5</sup>

Vibration & 4 feet drop resistant

e-Mark certified for vehicle usage

Optional: ANSI/UL 121201, CSA C22.2 NO. 213

Optional: Salt fog certified

## Environmental Specification

Temperature<sup>6</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

## Software

Getac Utility

Getac Camera

Getac Geolocation

Getac Barcode Manager

Optional: Absolute Persistence<sup>8</sup>

## Accessories

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

- 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.

# 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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