



# V110 FULLY RUGGED NOTEBOOK

- Enhanced Enterprise Security with optional Intel vPro, Windows Disk Encryption, TPM 2.0 and many more multi-factor authentication options
- 8th 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

Platform Options:

Intel® Core™ i7 Technology

Intel® Core™ i7-8565U Processor 1.8GHz

Max. 4.6GHz with Intel® Turbo Boost Technology

- 8MB Intel® Smart Cache

Intel® Core™ i7 vPro™ Technology

Intel® Core™ i7-8665U vPro™ Processor 1.9GHz

Max. 4.8GHz with Intel® Turbo Boost Technology

- 8MB Intel® Smart Cache

Intel® Core™ i5 Technology

- Intel® Core™ i5-8265U Processor 1.6GHz

Max. 3.9GHz with Intel® Turbo Boost Technology

- 6MB Intel® Smart Cache

Intel® Core™ i5 vPro™ Technology

Intel® Core™ i5-8365U vPro™ Processor 1.6GHz

Max. 4.1GHz with Intel® Turbo Boost Technology

- 6MB Intel® Smart Cache

## VGA Controller

Intel® UHD Graphics 620

## Display

11.6" IPS TFT LCD FHD (1920 x 1080)

800nits LumiBond® display with Getac sunlight

readable technology

Capacitive multi-touch screen

## Storage & Memory

8GB DDR4 expandable to 64GB

Optional SSD 256GB / 512GB / 1TB

## 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>

## I/O Interface

FHD webcam x 1 or Optional Windows Hello

face-authentication camera (front-facing) x 1

Serial port (9-pin; D-sub) 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

Docking connector x 1

Optional 8M pixels auto focus rear camera x1

Optional RF antenna pass-through for GPS,

WLAN and WWAN

## Communication Interface

10/100/1000 base-T Ethernet

Intel® Dual Band Wireless-AC 9260; 802.11ac

Bluetooth (v5.0)<sup>2</sup>

Optional dedicated GPS

Optional 4G LTE mobile broadband

## Security Feature

Optional Intel® vPro™ Technology

TPM 2.0

Optional HF RFID and contactless Smart Card reader<sup>3</sup>

Optional fingerprint scanner

Kensington lock

## 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-810G certified and IP65 certified

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

Optional ANSI/ISA 12.12.01

Optional Salt fog certified

Vibration & drop resistant

e-Mark certified for vehicle usage

## Environmental Specification

Temperature<sup>6</sup>:

- Operating: -21°C to 60°C / -5.8°F to 140°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 DDS® Persistence

## Accessories

Carry bag

Multi-Bay Charger (Dual Bay)

Multi-Bay Charger (Eight-Bay)

Vehicle adapter (120W, 11-32VDC)

MIL-STD-461 certified AC adapter (90W, 100-240VAC)

Digitizer Pen

Capacitive Stylus (Hard-tip)

Protection film

X Strap

Shoulder Strap (2-point)

Main battery (11.1V, typical 2100mAh; min. 2040mAh)

AC adapter (65W, 100-240VAC)

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 new 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 and optional 1D/2D imager barcode reader are mutually exclusive.
- 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-810G.

# 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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