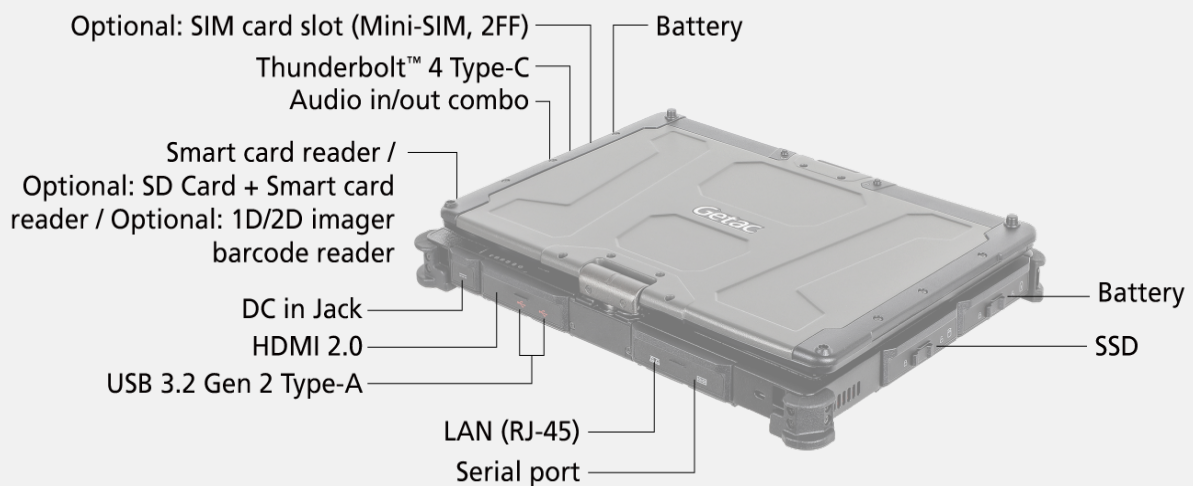




# V110 FULLY RUGGED NOTEBOOK

- 12th Generation Intel® Core™ i7 / i5 vPro® Processor
- 11.6" FHD LumiBond® display with Getac sunlight readable technology (1,000 nits) and capacitive touchscreen
- Enhanced enterprise security with Intel® vPro®, Windows disk encryption, TPM 2.0 and many more multi-factor authentication options
- Versatile I/Os connectivity including Thunderbolt™ 4 and docking solutions
- LifeSupport™ battery swappable technology



# SPECIFICATIONS

## Operating System

Windows 11 Pro

## Mobile Computing Platform

Intel® Core™ i5-1235U Processor  
Max. 4.4GHz with Intel® Turbo Boost Technology  
- 12MB Intel® Smart Cache

## Platform options:

Intel® Core™ i5-1245U vPro® Processor  
Max. 4.7GHz with Intel® Turbo Boost Technology  
- 12MB Intel® Smart Cache

Intel® Core™ i7-1255U Processor  
Max. 4.7GHz with Intel® Turbo Boost Technology  
- 12MB Intel® Smart Cache

Intel® Core™ i7-1265U vPro® Processor  
Max. 4.8GHz with Intel® Turbo Boost Technology  
- 12MB Intel® Smart Cache

## VGA Controller

Intel® Iris® Xe Graphics<sup>1</sup>

## Display

11.6" Wide Viewing Angle TFT LCD FHD (1920 x 1080)  
Protection film  
1,000 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 / 2TB PCIe NVMe SSD

## Keyboard

LED backlit membrane keyboard  
Optional: Rubber keyboard  
Power button  
5 tablet programmable buttons

## 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 Slots

Smart card reader<sup>ii</sup>  
Optional: SD Card + Smart card reader<sup>ii</sup>  
Optional: 1D/2D imager barcode reader<sup>ii</sup>

## I/O Interface

FHD webcam x 1<sup>iii</sup>  
Audio in/out combo x 1  
DC in Jack x 1  
Thunderbolt™ 4 Type-C x 1  
USB 3.2 Gen 2 Type-A x 2  
LAN (RJ45) x 1  
HDMI 2.0 x 1  
Serial port (9-pin; D-sub) x 1  
Docking connector x 1  
Optional: SIM card slot x 1 (Mini-SIM, 2FF)<sup>iv</sup>  
Optional: Windows Hello face-authentication camera (front-facing) x 1<sup>v</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 6E AX211, 802.11ax  
Bluetooth (v5.3)<sup>v</sup>  
Dual SIM<sup>vi</sup>  
Optional: 4G LTE mobile broadband<sup>iv</sup>  
Optional: 5G Sub-6<sup>iv</sup>  
Optional: Discrete GPS<sup>vii</sup>

## Security Features

TPM 2.0  
Kensington lock  
Optional: Intel® vPro® Technology  
Optional: Fingerprint reader  
Optional: HF RFID reader<sup>viii</sup>  
Smart card reader  
Optional: Windows Hello face-authentication camera (front-facing)<sup>iii</sup>

## 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>ix</sup>

## Rugged Features

MIL-STD-810H certified  
IP65 certified  
MIL-STD-461G certified<sup>x</sup>  
Vibration & 4ft (1.2m) drop resistant<sup>xi</sup>  
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D)<sup>xii</sup>  
Optional: Salt fog certified

## Environmental Specifications

Temperature<sup>xiii</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>xiv</sup>  
Optional: Absolute Persistence®

## Optional Software

Getac Driving Safety Utility  
Getac Device Monitoring System (GDMS)  
Getac VGPS Utility<sup>xv</sup>

## 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 AC adapter (90W, 100-240VAC)  
DC-DC vehicle adapter (120W, 11-32VDC)  
Digitizer pen  
Capacitive stylus with tether  
Protection film  
Hard handle  
X strap  
Shoulder strap (2-point)  
Vehicle cradle<sup>xvi</sup>  
Vehicle dock<sup>xvii</sup>  
Office dock  
Spare SSD kit  
100W Type-C adapter  
Getac rugged keyboard

## 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

# V110 FULLY RUGGED NOTEBOOK

- I. Units equipped with dual channel memory come with Intel® Iris® X<sup>e</sup> Graphics.
- II. Smart card reader, Optional SD card + Smart card reader, and Optional 1D/2D imager barcode reader are mutually exclusive.
- III. FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- IV. Units with 4G/5G LTE option come with an embedded SIM card slot.
- V. 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.
- VI. physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- VII. Support GPS and Glonass.
- VIII. 13.56MHz contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- IX. Weight and dimensions vary from configurations and optional accessories.
- X. MIL-STD-461 90W AC adapter sold separately.
- XI. Drop test results vary from configurations and optional accessories.
- XII. Available with limited configurations and environment conditions.
- XIII. Tested by an independent third-party test lab following MIL-STD-810H.
- XIV. Available when barcode reader option is selected.
- XV. Models require either embedded or standalone GPS module.
- XVI. Gamber Johnson and Havis vehicle docks are e-mark certified.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

	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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