

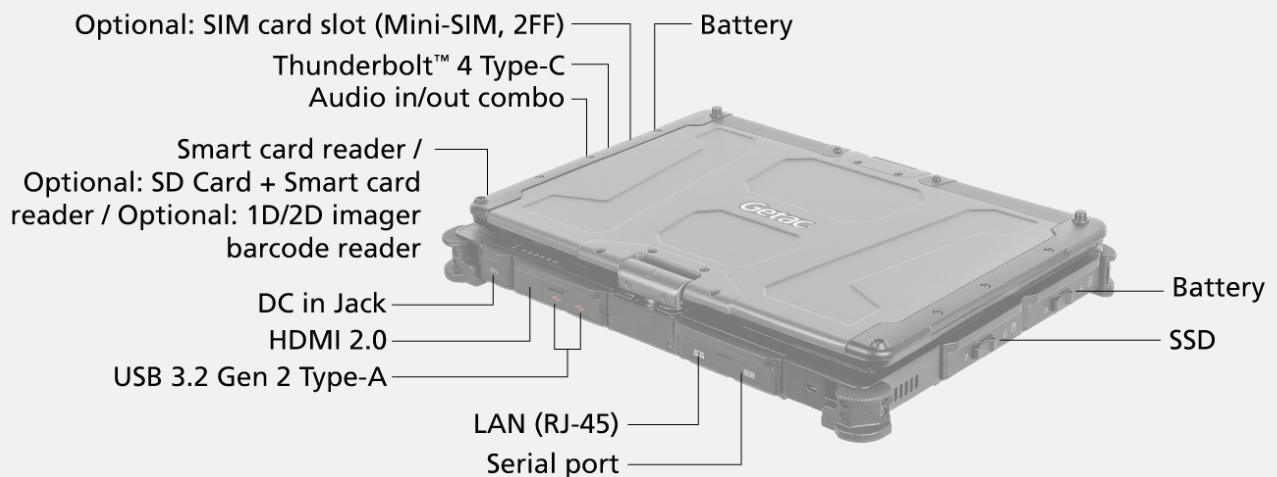
# V110 FULLY RUGGED LAPTOP



- 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



V110 3D Demo



SPECIFICATIONS

**Generation**  
G7

**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. 4.4GHz 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

**Graphics**  
Intel® Iris® X® Graphics <sup>i</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 Slot**  
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**  
5MP 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  
FHD camera (front-facing) x 1 <sup>iii</sup>  
Optional: RF antenna pass-through for GPS,  
WWAN and WLAN  
Optional: 8MP 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>  
Optional: Dedicated GPS <sup>viii</sup>  
Optional: 4G LTE mobile broadband <sup>vi, iv, xvi</sup>  
Optional: 5G Sub-6 <sup>iv, vi, xvi</sup>  
Optional: Dual SIM (Mini-SIM 2FF and e-SIM) <sup>iv, vi</sup>

**Security Feature**  
TPM 2.0  
Kensington lock  
Optional: Intel® vPro® Technology  
Optional: Fingerprint reader  
Optional: HF RFID reader <sup>vii</sup>  
Smart card reader  
Optional: Windows Hello face-authentication  
FHD camera (front-facing) <sup>ii</sup>  
Optional: Absolute Persistence®

**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>viii</sup>

**Rugged Feature**  
MIL-STD-810H certified  
IP65 certified  
MIL-STD-461G certified <sup>ix</sup>  
Vibration 8amp; 4ft (1.2m) drop resistant <sup>x</sup>  
Optional: ANSI/UL 121201, CSA C22.2 NO. 213  
(Class I, Division 2, Groups A, B, C, D) <sup>xi</sup>  
Optional: Salt fog certified

**Environmental Specification**  
Temperature <sup>xii</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>xiii</sup>  
Optional: Absolute Secure Endpoint  
Optional: Absolute Secure Access

**Optional software**  
Getac Driving Safety Utility  
Getac Device Monitoring System (GDMS)  
Getac Monitoring  
Getac VGPS Utility <sup>xiv</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 with tether  
Capacitive stylus with tether  
Protection film  
Hard handle  
X strap  
Shoulder strap (2-point)  
Vehicle cradle <sup>xv</sup>  
Vehicle dock <sup>xv</sup>  
Office dock  
Spare SSD kit  
100W Type-C adapter  
Getac rugged keyboard

V110 FULLY RUGGED LAPTOP

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

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	1	1
LAN	4	1
HDMI	1	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)	--



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