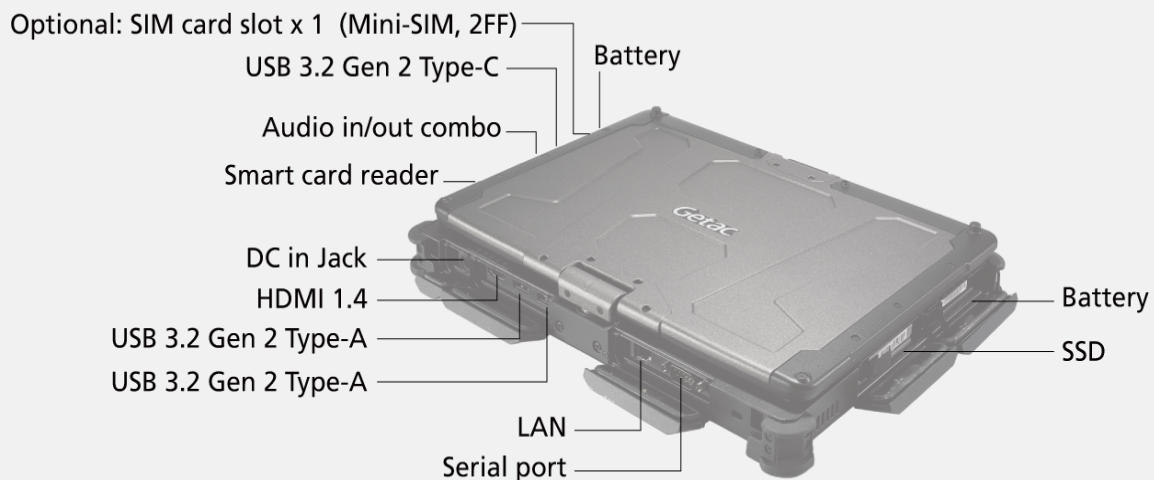# V110 FULLY RUGGED NOTEBOOK

- Enhanced enterprise security with optional Intel® vPro®, Windows disk encryption, TPM 2.0 and many more multi-factor authentication options

- 10th Generation Intel® Core™ i7 / i5 vPro™ Processor

- 11.6'' LumiBond® display with Getac sunlight readable technology and capacitive touchscreen

- LifeSupport™ battery swappable technology

- Optional dual mode touchscreen (multi-touch and digitizer)

CERTIFIED MIL-STD 810H   CERTIFIED MIL-STD 461G   INGRESS PROTECTION IP65   OPTIONAL SALT FOG RESISTANCE   CERTIFIED ANSI   E

V110 3D demo

Optional: SIM card slot x 1 (Mini-SIM, 2FF)
USB 3.2 Gen 2 Type-C
Audio in/out combo
Smart card reader

Battery

DC in Jack
HDMI 1.4
USB 3.2 Gen 2 Type-A
USB 3.2 Gen 2 Type-A

Battery
SSD

LAN
Serial port

SPECIFICATIONS

Operating System
Windows 10 Pro [i]
Windows 11 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" Wide Viewing Angle 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 SSD 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 x 1 [ii]
Optional: 1D/2D imager barcode reader [ii]

I/O Interface
FHD webcam x 1 [iii]
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-C x 1
USB 3.2 Gen 2 Type-A x 2
LAN (RJ45) x 1
HDMI 1.4 x 1
Serial port (9-pin; D-sub) x 1
Docking connector x 1
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [v]
Optional: Windows Hello face-authentication camera (front-facing) x 1 [iii]
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 6 AX200, 802.11ax
Bluetooth (v5.2) [iv]
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband [v]

Security Features
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: Fingerprint reader
Optional: HF RFID reader [vi]

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) [vii]

Rugged Features
MIL-STD-810H certified
IP65 certified
MIL-STD-461G certified [viii]
Vibration & 4ft (1.2m) drop resistant [ix]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [x]
Optional: Salt fog certified

Environmental Specifications
Temperature [xi]:
- 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 [xii]
Optional: Absolute Persistence®

Optional software
Getac Driving Safety Utility
Getac Device Monitoring System (GDMS)
Getac VGPS Utility [xiii]

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 [xiv]
Vehicle dock [xiv]
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

	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)	-