Windows 11

Getac recommends
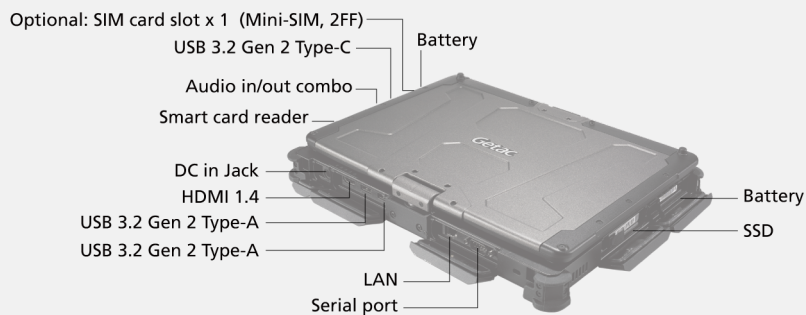Windows 11 Pro
for business

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

Optional: SIM card slot x 1 (Mini-SIM, 2FF)
USB 3.2 Gen 2 Type-C
Audio in/out combo
Smart card reader
DC in Jack
HDMI 1.4
USB 3.2 Gen 2 Type-A
USB 3.2 Gen 2 Type-A
LAN
Serial port
Battery
Battery
SSD

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SPECIFICATIONS

Generation	G6
Operating System	Windows 10 Pro 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" IPS 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

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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 [i]
Optional: 1D/2D imager barcode reader [i]

I/O Interface

FHD webcam x 1 [ii]
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)
Optional: Windows Hello face-authentication camera (front-facing) x 1 [ii]
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) [iii]
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband [iv]

Security Features

TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: HF RFID reader and Smart card reader [v]
Optional: Fingerprint reader

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) & Weigh

313 x 238 x 39mm (12.32" x 9.37" x 1.53")
2.1kg (4.63lbs) [vi]

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Rugged Features

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

Environmental Specifications

Temperature [x]:
- 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 [xi]
Optional: Absolute Persistence®

Optional software

Getac Driving Safety Utility
Getac Device Monitoring System (GDMS)
Getac VGPS Utility [xii]

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 [xiii]
Vehicle dock [xiii]
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

I. Smart card reader, Optional 1D/2D imager barcode reader are mutually exclusive options.
II. FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
III. 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.
IV. Units with 4G LTE option come with an embedded SIM card slot.
V. 13.56MHz contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
VI. Weight and dimensions vary from configurations and optional accessories.
VII. MIL-STD-461 90W AC adapter sold separately.
VIII. Drop test results vary from configurations and optional accessories.
IX. Available with limited configurations and environment conditions.
X. Tested by an independent third-party test lab following MIL-STD-810H.
XI. Available when barcode reader option is selected.
XII. Models require either embedded or standalone GPS module.
XIII. 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.

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	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)	-

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