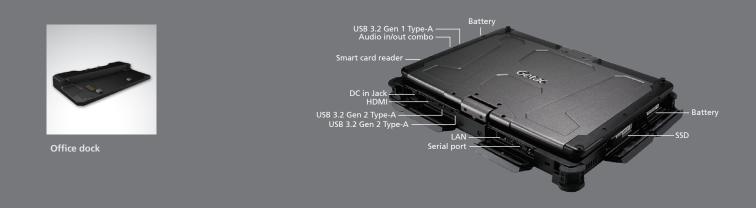# V110
FULLY RUGGED NOTEBOOK

- 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® 2.0 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

CERTIFIED ANSI

e

SALT FOG RESISTANCE

Office dock

Battery
USB 3.2 Gen 1 Type-A
Audio in/out combo
Smart card reader

DC in Jack
HDMI
USB 3.2 Gen 2 Type-A
USB 3.2 Gen 2 Type-A
LAN
Serial port

Battery
SSD

Specifications

Generation
G6

Operating System
Windows 10 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

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 x 1 [i]
Optional: 1D/2D imager barcode reader [i]
Optional: USB 3.2 Gen 2 Type-C port x 1 [i]

I/O Interface
FHD webcam x 1 [ii]
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 1 Type-A x 1
USB 3.2 Gen 2 Type-A x 2
LAN (RJ45) x 1
HDMI x 1
Serial port (9-pin; D-sub) x 1
Docking connector x 1
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

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: HF RFID and contactless smart card reader [iv]
Opional: 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) & Weight
313 x 238 x 39mm (12.32" x 9.37" x 1.53")
2.1kg (4.63lbs) [v]

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

Environmental Specification
Temperature [ix]:
 - 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 [x]
Optional: Absolute Persistence®

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 certified AC adapter (90W,
115-230VAC)
DC-DC vehicle adapter (120W, 11-32VDC)
Digitizer pen
Capacitive stylus with tether
Protection film
X strap
Shoulder strap (2-point)
Vehicle dock
Office dock
100W Type-C adapter

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

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i   Smart card reader, Optional 1D/2D imager
    barcode reader and Optional USB 3.2 Gen 2
    Type-C port are mutually exclusive. (USB 3.2
    Gen 2 Type-C port is mutually exculsive with
    rear camera)
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 13.56MHz contactless HF RFID/NFC reader
    (ISO 15693, 14443 A/B, Mifare and FeliCa™
    compliant).
v   Weight and dimensions vary from
    configurations and optional accessories.
vi MIL-STD-461G 90W AC adapter sold
    separately.
vii Drop test results vary from configurations and
    optional accessories.
viii Available with limited configurations.
ix Tested by an independent third-party test lab
    following MIL-STD-810H.
x   Available when barcode reader option is
    selected.

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