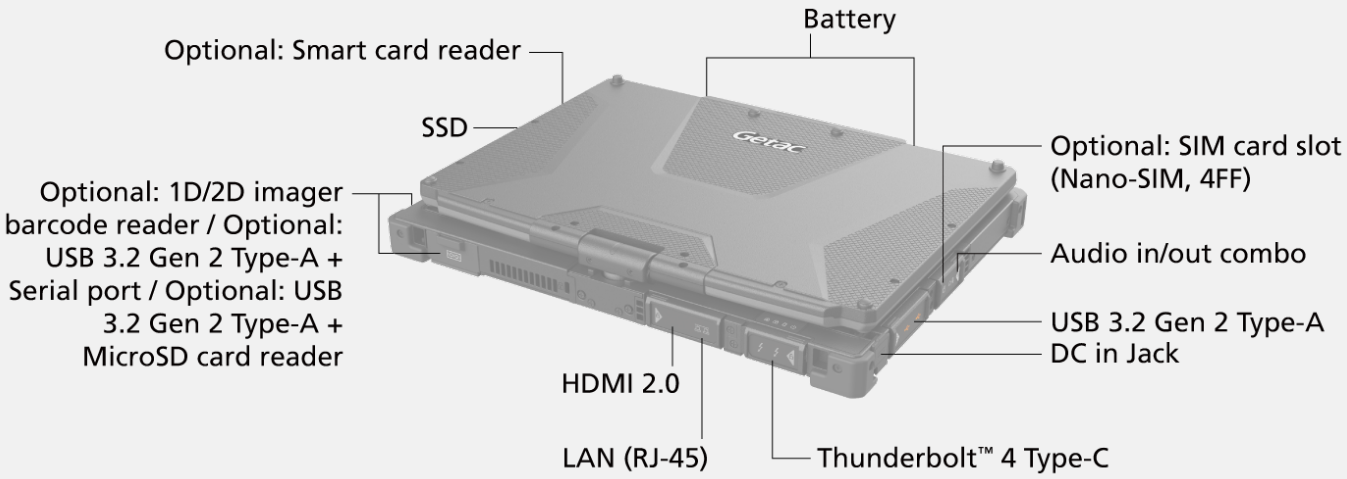
Getac

Windows 11

Getac recommends Windows 11 Pro for business

V120 FULLY RUGGED LAPTOP

- AI-ready with the latest Intel® Core™ Ultra Processors (Series 2) and Intel® AI Boost technology
- 12.2" FHD LumiBond display with Getac sunlight readable technology (1,000 nits) and capacitive touchscreen
- Versatile I/Os connectivity including two Thunderbolt™ 4 and docking solutions
- LifeSupport battery swappable technology
- Optional 1D/2D imager barcode reader and high-capacity batteries
- Wi-Fi 7 delivers superior data transfer speeds



V120 FULLY RUGGED LAPTOP

SPECIFICATIONS

Generation
G1

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ Ultra 5 processor 225H
Max. 4.9GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache

Platform options:
Intel® Core™ Ultra 5 processor 235H, vPro® Enterprise
Max. 5.0GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 255H
Max. 5.1GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 265H, vPro® Enterprise
Max. 5.3GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

Graphics
Intel® Arc™ 130V GPU (For Intel® Core™ Ultra 5 processor) [i]
Intel® Arc™ 140V GPU (For Intel® Core™ Ultra 7 processor) [i]

NPU
Intel® AI Boost

Display
12.2" Wide Viewing Angle TFT LCD WUXGA (1920 x 1200)
Protection film
1,000 nits LumiBond display with
Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR5
Optional: 16GB / 32GB / 64GB DDR5

256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard
LED backlit membrane keyboard
Power button
4 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

Audio
Integrated stereo speakers
Integrated dual-array microphone

Expansion Slot
Optional: Smart card reader
Optional: 1D/2D imager barcode reader [ii]
Optional: USB 3.2 Gen 2 Type-A + Serial port (9-pin; D-sub) [ii]
Optional: USB 3.2 Gen 2 Type-A + MicroSD [ii]

I/O Interface
5MP webcam x 1 [iii]
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 2
Thunderbolt™ 4 Type-C x 2
LAN (RJ45) x 1
HDMI 2.0 x 1
Docking connector x 1
Optional: SIM card slot x 1 (Nano-SIM, 4FF) [iv, v]
Optional: Windows Hello face-authentication
5MP camera (front-facing) x 1 [iii]
Optional: Tri RF antenna pass-through
for 4G (GPS, WLAN, WWAN)
Optional: Quad RF antenna pass-through
for 5G (GPS, WLAN, WWAN, WWAN MIMO)
Optional: 13MP auto focus rear camera x 1

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 7 BE200, 802.11be
Bluetooth (v5.4) [vi]
Optional: Dedicated GPS with L1/L5 [vii]
Optional: 4G LTE mobile broadband with integrated GPS [iv]
Optional: 5G Sub-6 with integrated GPS [iv, viii]
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) [iv, v]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Optional: Intel® vPro® Technology
Optional: Fingerprint reader
Optional: HF RFID reader [ix]
Optional: Windows Hello face-authentication
5MP camera (front-facing) [iii]
Optional: Absolute Persistence®

Power
AC adapter (65W, 100-240VAC, 50/60Hz)
Li-ion battery (7.74V, typical 4070mAh; min. 3800mAh) x 2
LifeSupport battery swappable technology
Optional: High-capacity Li-ion battery
(11.61V, typical 4070mAh; min. 3800mAh) x 2

Dimension (W x D x H) & Weight
302 x 224 x 35.7mm (11.89" x 8.82" x 1.41")
2.1kg (4.63lbs) [x]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xi]
Vibration & 4ft (1.2m) drop resistant [xii]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213
(Class I, Division 2, Groups A, B, C, D) [xiii]
Optional: Salt fog certified

Environmental Specification
Temperature [xiv]:
- 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 [xv]
Optional: Absolute Secure Endpoint
Optional: Absolute Secure Access

Optional software
Getac Driving Safety Utility
Getac Monitoring
Getac VGPS Utility [xvi]

Accessories
Battery (7.74V, typical 4070mAh; min. 3800mAh)
AC adapter (65W, 100-240VAC)

Optional:
Carry bag
Battery (7.74V, typical 4070mAh; min. 3800mAh)
High-capacity Li-ion battery
(11.61V, typical 4070mAh; min. 3800mAh)
Multi-Bay charger (Dual-Bay)
Multi-Bay charger (Eight-Bay)
AC adapter (65W, 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
Handle
Hard handle
Hand strap
Shoulder strap (2-point)
Vehicle cradle [xvii]
Vehicle dock [xvii]
Spare SSD kit
65W Type-C adapter
100W Type-C adapter
Getac rugged keyboard
Getac DS100 USB-C docking station with AC 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

I. Units equipped with 16GB and dual channel memory come with Intel® Arc™ Graphics.
II. Optional USB 3.2 Gen 2 Type-A + Serial port (9-pin; D-sub), optional USB 3.2 Gen 2 Type-A + Micro SD card reader, and optional 1D/2D imager barcode reader are mutually exclusive.
III. 5MP webcam and optional Windows Hello face-authentication 5MP camera (front-facing) are mutually exclusive options.
IV. Units with 4G/5G LTE option come with an embedded SIM card slot.
V. One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
VI. 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.
VII. Support GPS, GLONASS, Galileo, BeiDou and QZSS.
VIII. Only available in the US, UK, EU, Australia and New Zealand.
IX. 13.56MHz contactless HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
X. Weight and dimensions vary from configurations and optional accessories.
XI. MIL-STD-461 90W AC adapter sold separately.
XII. Drop test results vary from configurations and optional accessories.
XIII. Available with limited configurations and environment conditions.
XIV. Tested by an independent third-party test lab following MIL-STD-810H.
XV. Available when the barcode reader option is selected.
XVI. Models require either embedded or standalone GPS module.
XVII. 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
Serial Port	2
External VGA	1
Microphone	1
Audio Output	1
DC in Jack	1
USB	4
LAN	1
HDMI	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)

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