Getac

Windows 11

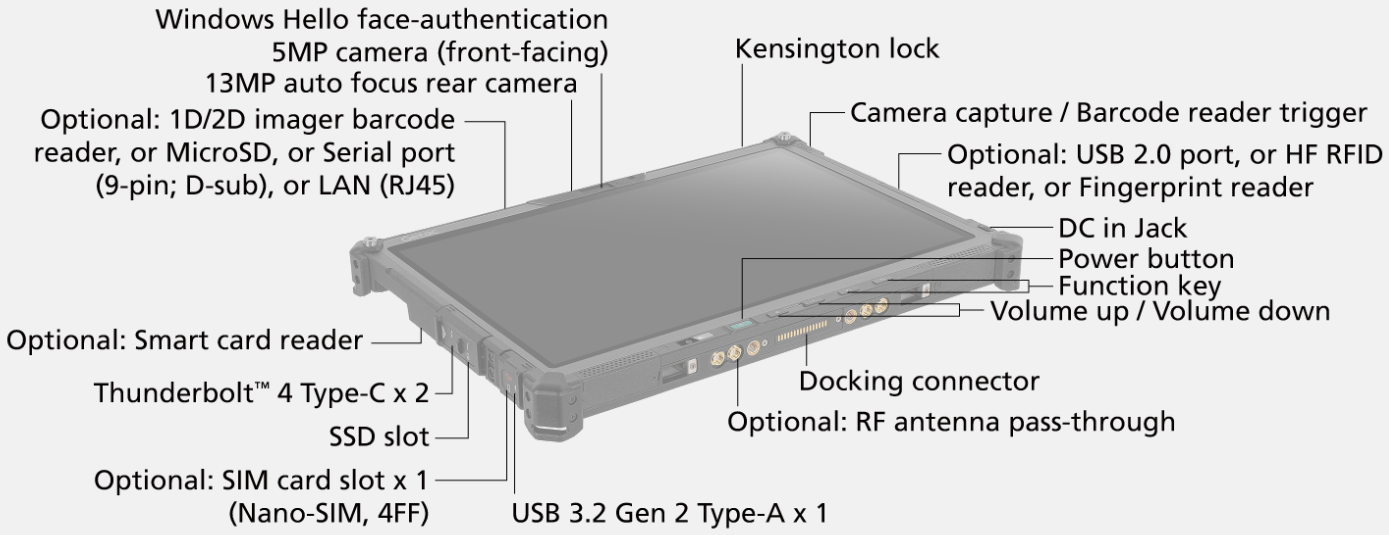
GLACIER COMPUTER
A Logic Instrument Company

F120 FULLY RUGGED TABLET



Copilot+PC

- The fully rugged Copilot+ PC with Intel® Core™ Ultra Processors (Series 2), Intel® AI Boost, and NPU acceleration for real-time AI and reliable performance in critical environments
- 12.2" LumiBond display with Getac sunlight-readable technology (1,200 nits) in a compact, narrow bezel design for a larger screen in a smaller, lighter form factor
- Capacitive multi-touch display with Smart Touch auto-sensing technology that seamlessly adapts to finger, glove, and stylus input—no manual mode switching required
- Two Thunderbolt™ 4 ports support high-speed data transfer, high-resolution video output, and power delivery
- MIL-STD 810H, 6ft operating drop rating, IP66 certified, and optional salt fog resistant



F120 FULLY RUGGED TABLET

SPECIFICATIONS

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ Ultra 5 processor 226V 16GB
Max. 4.5GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Platform options:
Intel® Core™ Ultra 5 processor 228V 32GB
Max. 4.5GHz with Intel® Turbo Boost Technology
8MB Intel® Smart Cache

Intel® Core™ Ultra 5 processor 236V 16GB, vPro® Enterprise
Max. 4.7GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ Ultra 5 processor 238V 32GB, vPro® Enterprise
Max. 4.7GHz with Intel® Turbo Boost Technology
8MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 256V 16GB
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 258V 32GB
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 266V 16GB, vPro® Enterprise
Max. 5.0GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ Ultra 7 processor 268V 32GB, vPro® Enterprise
Max. 5.0GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

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

NPU
Intel® AI Boost (Up to 48 TOPS)

Display
12.2" Wide Viewing Angle TFT LCD WUXGA (1920 x 1200)
Protection film
1,200 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
16GB LPDDR5X (Memory on Package)
Optional: 32GB LPDDR5X (Memory on Package)

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

Keyboard
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Audio
Integrated stereo speakers
Integrated dual-array microphone

Expansion Slot
Optional (top side): 1D/2D imager barcode reader, or MicroSD, or Serial port (9-pin; D-sub), or LAN (RJ45), Thermal camera [i]
Optional (right side): USB 2.0 port, or HF RFID reader, or Fingerprint reader [ii]

Optional (back side): Smart card reader

I/O Interface
Windows Hello face-authentication 5MP camera (front-facing) x 1
13MP auto focus rear camera x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 2
Docking connector x 1
Optional: SIM card slot x 1 (Nano-SIM, 4FF) [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)

Communication Interface
Intel® Wi-Fi 7 BE201, 802.11be
Bluetooth (v5.4) [iv]
Optional: 10/100/1000 base-T Ethernet
Optional: Dedicated GPS with L1/L5 [v]
Optional: 4G LTE mobile broadband with integrated GPS [iii, v]
Optional: 5G Sub-6 with integrated GPS [iii, v, vi]
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) [iii, vii]

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

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

Dimension (W x D x H) & Weight
300 x 207 x 22.2mm (11.8" x 8.15" x 0.87")
1.41kg (3.11lbs) [x]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xi]
Vibration & 6ft (1.8m) 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 Specifications
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]
Getac Driving Safety Utility (trial version)
Getac KeyWedge Barcode Reader Utility (trial version)
G-Thermo [xviii]
Optional: Absolute Secure Endpoint

Optional software
Getac Driving Safety Utility
Getac KeyWedge Barcode Reader Utility
Getac Monitoring
Getac VGPS Utility [xvi]
Absolute Secure Access

Accessories
Hot-swappable Li-ion battery (7.74V, typical 4070mAh; min. 3800mAh)
AC adapter (65W, 100-240VAC, 50/60Hz)

Optional:
Carry bag
Hot-swappable Li-ion battery (7.74V, typical 4070mAh; min. 3800mAh)
Hot-swappable 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, 50/60Hz)
USB-C AC adapter (65W, 100-240VAC, 50/60Hz)
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
Slim hand strap with stylus holder (2-point)
Shoulder strap (2-point)
Shoulder harness (4-point; handsfree)
Vehicle cradle [xvii]
Keyboard dock
Vehicle dock [xvii]
Spare SSD kit
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

Vehicle Dock	
Serial Port	1
USB	5
LAN	1
HDMI	1
RF Antenna Connector	3 (GPS, WLAN, WWAN for 4G) / 4 (GPS, WLAN, WWAN, WWAN MIMO for 5G)

I. 1D/2D imager barcode reader, MicroSD, Serial port, LAN (RJ45), Thermal camera are mutually exclusive options.
II. USB 2.0 port, HF RFID reader, Fingerprint reader are mutually exclusive options.
III. Units with 4G/5G option come with an embedded SIM card slot.
IV. 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.
V. Support GPS, GLONASS, Galileo, BeiDou and QZSS.
VI. Only available in the US, UK, EU, Australia, and New Zealand.
VII. One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
VIII. HF RFID reader and fingerprint reader and are mutually exclusive.
IX. HF (13.56MHz) combo HF RFID/NFC reader (iClass, HID Prox, 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 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.
XVIII. Available when thermal camera option is selected.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

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