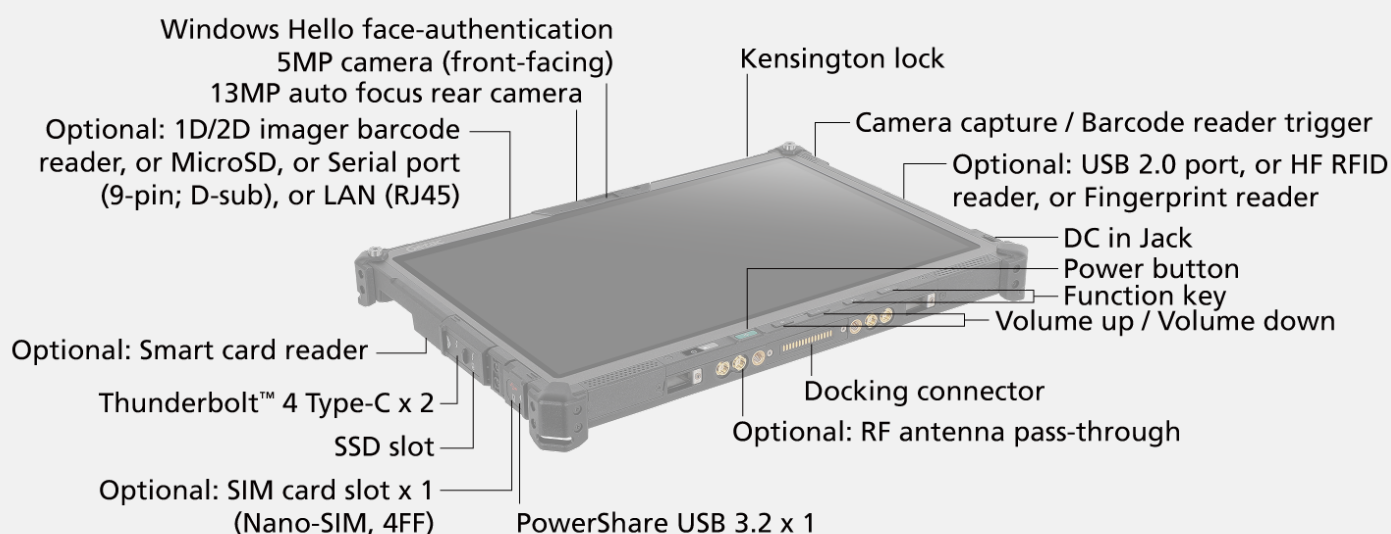


# F120 FULLY RUGGED TABLET



- 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



SPECIFICATIONS

Generation

G1

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) <sup>i</sup>  
Optional (right side): USB 2.0 port, or HF RFID reader,  
or Fingerprint reader <sup>ii</sup>  
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) <sup>iii</sup>  
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 <sup>iv</sup>  
Bluetooth (v5.4) <sup>v</sup>  
Optional: 10/100/1000 base-T Ethernet  
Optional: Dedicated GPS with L1/L5 <sup>vi</sup>  
Optional: 4G LTE mobile broadband with integrated GPS <sup>iii, v</sup>  
Optional: 5G Sub-6 with integrated GPS <sup>ii, v, vi</sup>  
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) <sup>iii, vii</sup>

Security Feature

TPM 2.0  
Kensington lock  
Windows Hello face-authentication  
5MP camera (front-facing)  
Optional: Intel® vPro® Technology  
Optiona: HF RFID reader, or Fingerprint reader <sup>viii, ix</sup>  
Optional: Smart card reader  
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

300 x 207 x 22.2mm (11.8" x 8.15" x 0.87")  
1.41kg (3.11lbs) <sup>x</sup>

Rugged Feature

MIL-STD-810H certified  
IP66 certified  
Vibration 8 gft (1.8m) drop resistant <sup>xi</sup>  
Optional: ANSI/UL 121201, CSA C22.2 NO. 213  
(Class I, Division 2, Groups A, B, C, D) <sup>xii</sup>  
Optional: Salt fog certified

Environmental Specifications

Temperature <sup>xiii</sup> :  
- 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 <sup>xiv</sup>  
Getac Driving Safety Utility (trial version)  
Getac KeyWedge Barcode Reader Utility (trial version)  
Optional: Absolute Secure Endpoint  
Optional: Absolute Secure Access

Optional software

Getac Driving Safety Utility  
Getac KeyWedge Barcode Reader Utility  
Getac VGPS Utility <sup>xv</sup>

Accessories

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

Optional:

Carry bag  
Li-ion 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, 50/60Hz)  
MIL-STD-461 AC adapter (90W, 100-240VAC)  
USB-C AC adapter (65W, 100-240VAC, 50/60Hz)  
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)  
Keyboard dock  
Vehicle cradle <sup>xvi</sup>  
Vehicle dock <sup>xvi</sup>  
Getac DS100 USB-C docking station  
Spare SSD kit  
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

F120 FULLY RUGGED TABLET

- I. 1D/2D imager barcode reader, MicroSD, Serial port, LAN (RJ45) 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. Drop test results vary from configurations and optional accessories.
- XII. Available with limited configurations and environment conditions.
- XIII. Tested by an independent third-party test lab following MIL-STD-810H.
- XIV. Available when barcode reader option is selected.
- XV. Models require either embedded or standalone GPS module.
- XVI. 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         |                                                                    |
|----------------------|--------------------------------------------------------------------|
| 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) |