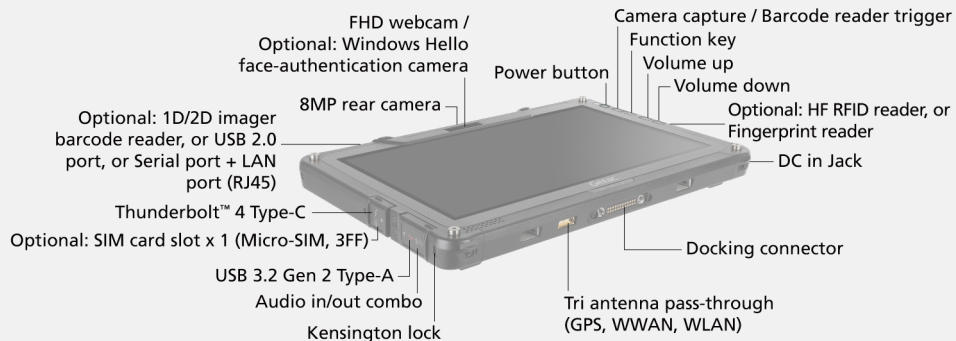**Windows 11**

F110 FULLY RUGGED TABLET

- 11th Generation Intel® Core™ i7 / i5 vPro™ Processor

- Thunderbolt™ 4 brings lightning speed and performance

- Enhanced enterprise security with optional Intel® vPro™, Windows Hello face-authentication camera, TPM 2.0 and many more multi-factor authentication options

- Configurable options to fit diverse data collection needs: Optional 1D/2D imager barcode reader / USB 2.0 port / Serial port + LAN port (RJ45)

- LifeSupport™ battery swappable technology

CERTIFIED MIL-STD 810H · **CERTIFIED MIL-STD 461G** · **INGRESS PROTECTION IP66** · **CERTIFIED ANSI** · **e**

FHD webcam /
Optional: Windows Hello
face-authentication camera

Camera capture / Barcode reader trigger

Function key

Volume up

Volume down

Power button

8MP rear camera

Optional: HF RFID reader, or
Fingerprint reader

Optional: 1D/2D imager
barcode reader, or USB 2.0
port, or Serial port + LAN
port (RJ45)

DC in Jack

Thunderbolt™ 4 Type-C

Optional: SIM card slot x 1 (Micro-SIM, 3FF)

Docking connector

USB 3.2 Gen 2 Type-A

Audio in/out combo

Tri antenna pass-through
(GPS, WWAN, WLAN)

Kensington lock

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SPECIFICATIONS

Operating System	Windows 10 Pro
	Windows 11 Pro

Mobile Computing Platform Options	Intel® Core™ i5-1135G7 Processor
	Max. 4.2GHz with Intel® Turbo Boost Technology
	- 8MB Intel® Smart Cache
	Platform options:
	Intel® Core™ i5-1145G7 vPro™ Processor
	Max. 4.4GHz with Intel® Turbo Boost Technology
	- 8MB Intel® Smart Cache
	Intel® Core™ i7-1165G7 Processor
	Max. 4.7GHz with Intel® Turbo Boost Technology
	- 12MB Intel® Smart Cache
	Intel® Core™ i7-1185G7 vPro™ Processor
	Max. 4.8GHz with Intel® Turbo Boost Technology
	- 12MB Intel® Smart Cache

VGA Controller	Intel® UHD Graphics

Display	11.6" IPS TFT LCD FHD (1920 x 1080)
	Protection film
	1,000 nits LumiBond®
	display with Getac sunlight readable
	technology
	Capacitive multi-touch screen

Storage & Memory	8GB DDR4
	Optional: 16GB / 32GB DDR4
	256GB PCIe NVMe SSD
	Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard	Power button
	4 tablet programmable buttons

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

Expansion Slots	Optional: Smart card reader
	Optional: 1D/2D imager barcode reader, or USB 2.0 port, or serial port + LAN (RJ45) [i]
	Optional [ii]: HF RFID Reader, or Fingerprint Reader

F110 FULLY RUGGED TABLET

I/O Interface

FHD webcam x 1 [iii]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
Thunderbolt™ 4 Type-C x 1
USB 3.2 Gen 2 Type-A x 1
Docking connector x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF)
Optional: Windows Hello face-authentication camera (front facing) x 1 [iii]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface

Intel® Wi-Fi 6 AX201, 802.11ax
Bluetooth (v5.2) [iv]
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband with integrated GPS [v]
Optional: 10/100/1000 base-T Ethernet [i]
(Occupies expansion slot)

Security Features

TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: Windows Hello face-authentication camera (frontfacing) [iii]
Optional: HF RFID Reader [vi], [ii], or Smart Card Reader, or Fingerprint Reader [ii]

Power

AC adapter (90W,100-240VAC, 50/60Hz)
Li-ion battery (11.4V,typical 2680mAh;min. 2640mAh) x 2
LifeSupport™ battery swappable technology
Optional: High capacity Li-ion battery (11.1V, typical 4200mAh; min.4080mAh) x 2

Dimension (W x D x H) & Weight

314 x 207 x 25mm (12.4" x 8.15" x 0.98")
1.52kg (3.35lbs) [vii]

Rugged Features

MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [viii]
Vibration & 6ft (1.8m) drop resistant
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [ix]

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

F110 FULLY RUGGED TABLET

Pre-installed software

Getac Utility
Getac Camera
Getac Geolocation
Getac Barcode Manager xi
Optional: Absolute Persistence

Optional software

Getac Driving Safety Utility
Getac KeyWedge Barcode Reader Utility
Getac Device Monitoring System (GDMS)[xii]
Getac VGPS Utility [xiii]

Accessories

Battery (11.4V, typical 2680mAh; min. 2640mAh)
AC adapter (90W, 100-240VAC, 50 / 60Hz)
Capacitive stylus with tether

Optional:
Carry bag
Battery (11.4V, typical 2680mAh; min. 2640mAh)
High capacity Li-ion battery (11.1V, typical 4200mAh; min.4080mAh)
Multi-Bay charger (Dual-Bay)
Multi-Bay charger (Eight-Bay)
AC adapter (90W, 100-240VAC, 50 / 60Hz)
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
Hand strap
Shoulder strap (2-point)
Shoulder harness (4-point; handsfree)
Detachable keyboard
Vehicle cradle [xiv]
Vehicle dock [xiv]
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

F110 FULLY RUGGED TABLET

I. 1D/2D imager barcode reader, or USB (USB 2.0) port, or Serial port + LAN are mutually exclusive options.
II. HF RFID reader and fingerprint reader are mutually exclusive options.
III. FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
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. Units with 4G LTE option comes with an embedded SIM card slot.
VI. 13.56MHz HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
VII. Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 6mm (H), 0.24kg.
VIII. MIL-STD-461 90W AC adapter sold separately.
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. Only compatible with Windows 10.
XIII. Models require either embedded or standalone GPS module.
XIV. 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	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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