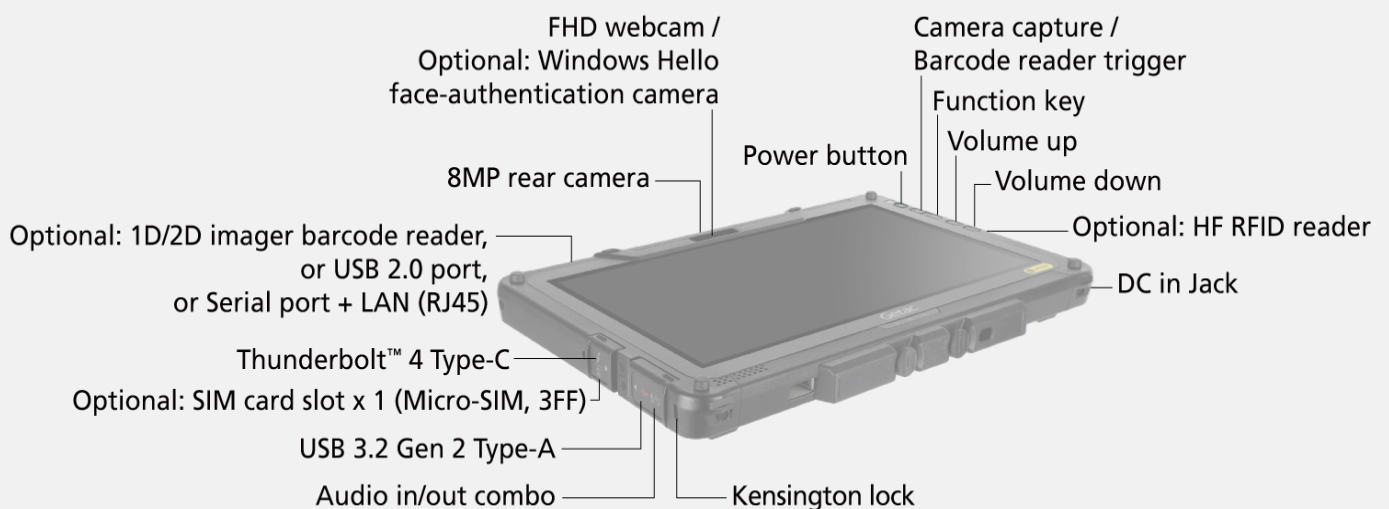# F110-EX FULLY RUGGED TABLET

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

- Thunderbolt™ 4 brings lightning speed and performance

- ATEX & IECEx explosive atmosphere certified

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

- Optional 1D/2D imager barcode reader and HF RFID reader

CERTIFIED MIL-STD 810H — INGRESS PROTECTION IP66 — ATEX — IEC — IECEx

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

Optional: HF RFID reader

DC in Jack

Thunderbolt™ 4 Type-C

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

USB 3.2 Gen 2 Type-A

Audio in/out combo

Kensington lock

SPECIFICATIONS

Generation
G6

Operating System
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" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
1,000 nits LumiBond® display with Getac sunlight readable technology

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
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 LAN (RJ45), or serial port + LAN (RJ45) [i]
Optional [ii]: HF RFID Reader, or Fingerprint Reader

I/O Interface
5M webcam x 1 [iii]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF) [v]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iii]

Communication Interface
Intel® Wi-Fi 6 AX201, 802.11ax
Bluetooth (v5.2) [iv]
Optional: 4G LTE mobile broadband with integrated GPS [v]
Optional: 5G Sub-6 with integrated L1/L5 GPS [vi, xii]

Optional: 10/100/1000 base-T Ethernet [i] (Occupies expansion slot)

Security Features
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: HF RFID Reader [ii], or Smart Card Reader
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iii]

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

Dimension (W x D x H) & Weight
314 x 224 x 25mm (12.4" x 8.82" x 0.98")
1.58kg (3.48lbs) [vii]

Rugged Features
MIL-STD-810H certified
IP66 certified
Vibration & 4ft (1.2m) drop resistant
ATEX & IECEx certified

Environmental Specifications
Temperature [viii]:
- Operating: -21°C to 60°C / -6°F to 140°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Explosion Protection
ATEX/IECEx Zone 2/22
Ex II 3G Ex ic op is IIC T4 Gc
Ex II 3D Ex ic op is IIIC T130°C Dc

Pre-installed software
Getac Utility
Getac Camera
Getac Geolocation
Getac Barcode Manager [ix]
Getac Driving Safety Utility (trial version)
Getac KeyWedge Barcode Reader Utility (trial version)
Optional: Absolute Persistence®

Optional software
Getac Driving Safety Utility
Getac KeyWedge Barcode Reader Utility
Getac Device Monitoring System (GDMS)
Getac VGPS Utility [x]

Accessories
Battery (11.4V, typical 2680mAh; min. 2640mAh)
AC adapter (90W, 100-240VAC, 50 / 60Hz)
Digitizer pen

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)
Digitizer pen
Protection film
Hard handle [xi]
Hand strap
Shoulder strap (2-point)
Shoulder harness (4-point; handsfree)

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. 1D/2D imager barcode reader, or USB (USB 2.0) port, or Serial port + LAN are mutually exclusive options.
II. 13.56MHz Contactless HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
III. 5M webcam and optional Windows Hello face-authentication FHD 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 come with an embedded SIM card slot.
VI. One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
VII. Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 6mm (H), 0.24kg.
VIII. Tested by an independent third-party test lab following MIL-STD-810H.
IX. Available when barcode reader option is selected.
X. Models require either embedded or standalone GPS module.
XI. Factory option. Not user swappable.
XII. Support GPS, GLONASS, Galileo, BeiDou and QZSS

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