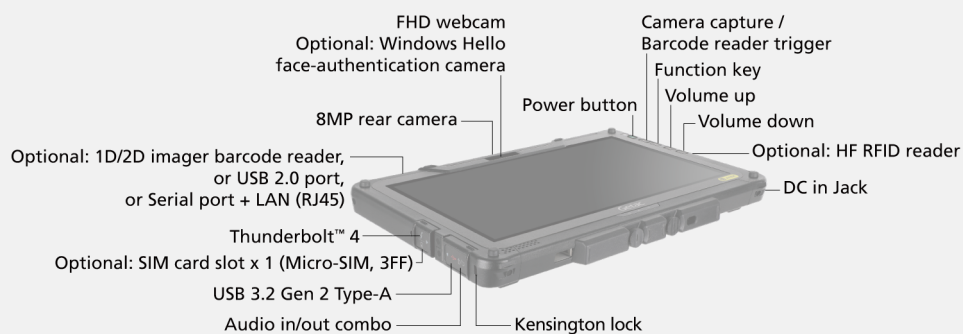# F110-EX FULLY RUGGED TABLET

- 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 Ex | IEC | IECEx ™

FHD webcam
Optional: Windows Hello
face-authentication camera

Camera capture /
Barcode reader trigger

Function key

Volume up

8MP rear camera

Power button

Volume down

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

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

USB 3.2 Gen 2 Type-A

Audio in/out combo

Kensington lock

F110-EX FULLY RUGGED TABLET

SPECIFICATIONS

Operating System
Windows 10 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)
Screen 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: 1D/2D imager barcode reader, or USB 2.0 port, or serial port + LAN (RJ45) [i]
Optional: HF RFID Reader [v]
Optional: Smart card reader

F110-EX FULLY RUGGED TABLET

I/O Interface	FHD webcam x 1 [ii] 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) Optional: Windows Hello face-authentication camera (front-facing) x 1 [ii]
Communication Interface	Intel® Wi-Fi 6 AX201, 802.11ax Bluetooth (v5.2) [iii] Optional: Dedicated GPS Optional: 4G LTE mobile broadband with integrated GPS Optional: 10/100/1000 base-T Ethernet [i] (Occupies expansion slot)
Pre-installed software	Getac Utility Getac Camera Getac Geolocation Getac Barcode Manager [iv] Optional: Absolute Persistence®
Security Features	TPM 2.0 Kensington lock Optional: Intel® vPro™ Technology Optional: Windows Hello face-authentication camera (front-facing) x 1 [ii] Optional: HF RFID Reader [v], or Smart Card Reader
Power	AC Adapter(90W, 100-240VAC, 50/60Hz) Li-ion smart battery(11.4V,typical 2680mAh;min. 2640mAh) x 2 Optional: High capacity battery (11.1V, typical 4200mAh; min.4080mAh)
Dimension (W x D x H) & Weigh	314 x 224 x 25mm (12.4" x 8.82" x 0.98") 1.58kg (3.48lbs) [vi]
Rugged Features	MIL-STD-810H certified IP66 certified Vibration & 4ft (1.2m) drop resistant ATEX & IECEx certified
Environmental Specifications	Temperature [vii]: - 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

F110-EX FULLY RUGGED TABLET

Explosion Protection

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

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 battery (11.1V, typical 4200mAh; min.4080mAh)
Multi-Bay charger (Dual-Bay)
Multi-Bay charger (Eight-Bay)
Digitizer pen
Screen protection film
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 2.0 port, or Serial port + LAN are mutually exclusive options.
II. FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
III. 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.
IV. Available when barcode reader option is selected.
V.   13.56MHz Contactless HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
VI. Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 6mm (H), 0.24kg.
VII. Tested by an independent third-party test lab following MIL-STD-810H.

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

Getac

GETAC TECHNOLOGY CORPORATION