F110
FULLY RUGGED TABLET

- Enhanced Enterprise Security with Optional Intel vPro, Windows Hello Face-authentication Camera, TPM 2.0 and Many More Multi-Factor Authentication Options

- 8th Generation Intel® Core™ i7 / i5 / i3 Processor

- 11.6" LumiBond® 2.0 Display with Getac Sunlight Readable Technology and Capacitive Touchscreen

- 6 Configurable Options to Fit Diverse Data Collection Needs: Optional 1D/2D Imager Barcode Reader/Serial Port/Ethernet/MicroSD/ 2nd USB (USB 2.0) Port/Serial Port+Ethernet
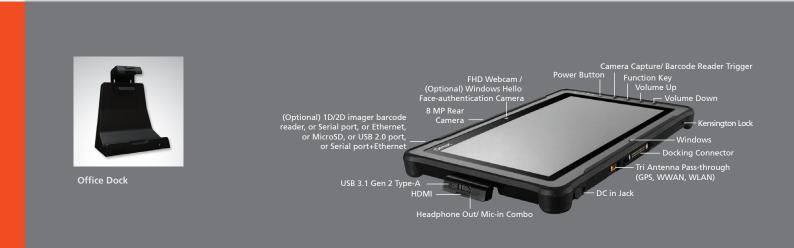
- LifeSupport™ Battery Swappable Technology

CERTIFIED MIL-STD 810G

CERTIFIED MIL-STD 461G

INGRESS PROTECTION IP65

CERTIFIED ANSI

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Office Dock

(Optional) 1D/2D imager barcode reader, or Serial port, or Ethernet, or MicroSD, or USB 2.0 port, or Serial port+Ethernet

FHD Webcam /
(Optional) Windows Hello
Face-authentication Camera

8 MP Rear
Camera

Camera Capture/ Barcode Reader Trigger

Power Button

Function Key

Volume Up

Volume Down

Kensington Lock

Windows

Docking Connector

Tri Antenna Pass-through
(GPS, WWAN, WLAN)

USB 3.1 Gen 2 Type-A

HDMI

DC in Jack

Headphone Out/ Mic-in Combo

Specifications

Operating System
Windows 10 [ii] Pro

Mobile Computing Platform
Platform Options:

Intel® Core™ i7 Technology
Intel® Core™ i7-8565U Processor 1.8GHz
Max. 4.6GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7 vPro™ Technology
Intel® Core™ i7-8665U vPro™ Processor 1.9GHz
Max. 4.8GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i5 Technology
Intel® Core™ i5-8265U Processor 1.6GHz
Max. 3.9GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i5 vPro™ Technology
Intel® Core™ i5-8365U vPro™ Processor 1.6GHz
Max. 4.1GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i3 Technology
Intel® Core™ i3-8145U Processor 2.1GHz
Max. 3.9 GHz with Intel® Turbo Boost Technology
– 4MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics 620

Display
11.6" IPS TFT LCD FHD (1920 x 1080)
800nits LumiBond® display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4 expandable to 32GB
Optional SSD 256GB / 512GB / 1TB

Keyboard
6 tablet buttons (Windows, Power, Function Key, Camera Capture/ Barcode Reader Trigger, Volume Up, Volume Down)

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

Expansion Slot
Optional 1D/2D imager barcode reader,or serial port,or Ethernet,or MicroSD,or USB 2.0 port,or serial port+Ethernet[i]

I/O Interface
FHD webcam x 1 or Optional Windows Hello face-authentication camera (front-facing) x 1
8M pixels auto focus rear camera x 1
Headphone out / mic-in combo x 1
DC in Jack x 1
USB 3.1 Gen 2 Type-A x 1
Docking connector x 1
HDMI x 1
Optional RF antenna pass-through for GPS, WLAN and WWAN

Communication Interface
Optional 10/100/1000 base-T Ethernet[i] (occupies expansion slot)
Intel® Dual Band Wireless-AC 9260, 802.11ac
Bluetooth (v5.0)[ii]
Optional dedicated GPS
Optional 4G LTE mobile broadband

Security Feature
Optional Intel® vPro™ Technology
TPM 2.0
Optional LF/HF RFID reader[iii,iv,v], or smart card reader, or fingerprint scanner
Kensington lock

Power
AC adapter (65W, 100-240VAC, 50 / 60Hz)
Li-Ion smart battery (11.4V, typical 2160mAh; min. 2100mAh) x 2
LifeSupport™ battery swappable technology

Dimension (W x D x H) & Weight
314 x 207 x 24.5 mm (12.4" x 8.15" x 0.96"),
1.39 kg (3.08 lbs)[vi]

Rugged Feature
MIL-STD-810G certified and IP65 certified
MIL-STD-461G certified[vii]
Optional ANSI/ISA 12.12.01
Vibration & drop resistant
e-Mark certified for vehicle usage

Environmental Specification
Temperature[viii] :
- Operating: -21°C to 60°C / -5.8°F to 140°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH , non-condensing

Software
Getac Utility
Getac Camera
Getac Geolocation
Getac Barcode Manager
Optional Absolute DDS® Persistence

Accessories
Carry bag
Multi-Bay Charger (Dual Bay)
Multi-Bay Charger (Eight Bay)
Detachable folding keyboard
Vehicle adapter (120W, 11-32VDC)
MIL-STD-461 certified AC adapter (90W, 100-240VAC)
Digitizer Pen
Capacitive stylus (Hard-tip)
Protection film
Tablet folio case
Hand Strap
Shoulder harness (4-point; handsfree)
Shoulder Strap (2-point)
Battery (11.4V, typical 2160mAh; min. 2100mAh)
AC adapter (65W, 100-240VAC)
Vehicle cradle
Vehicle dock
Office dock
Office dock with twin battery charger

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 new 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.

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i   Barcode reader, serial port, Ethernet, MicroSD, 2nd USB (USB 2.0) port, or serial port+Ethernet are mutually exclusive options.
ii 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.
iii LF/HF RFID reader, smart card reader and fingerprint scanner are mutually exclusive options.
iv LF(125kHz) / HF(13.56MHz) Combo RFID/NFC reader (iClass, HID Prox, ISO 15693, 14443 A/B, Mifare and FeliCa™compliant).
v   Not Energy Star 7.0 compliant.
vi Weight and dimensions vary from configurations and optional accessories.
vii MIL-STD-461G 90W AC adapter sold separately.
viii Tested by a national independent third party test lab following MIL-STD-810G.

Docking Solutions

	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 (GPS, WWAN, WLAN)	--

Getac