



# K120 FULLY RUGGED TABLET

- 8th Generation Intel® Core™ i7 / i5 Processor
- 12.5" FHD LumiBond® 2.0 Display with Getac Sunlight Readable Technology (1,200 nits) and Capacitive Touchscreen
- Enhanced Enterprise Security with optional Intel vPro, Windows Hello face-authentication camera, and multi-factor authentication options
- Multi-mode usage streamlined by extensive accessory selections
- LifeSupport™ Battery Swappable Technology



Keyboard Dock



Hard Handle



# Specifications

## Generation

G1

## Operating System

Windows 10 Pro

## Mobile Computing Platform

Intel® Core™ i5-8250U Processor 1.6GHz  
Max. 3.4GHz with Intel® Turbo Boost Technology  
- 6MB Intel® Smart Cache

## Platform Options:

Intel® Core™ i5-8350U vPro™ Processor 1.7GHz  
Max. 3.6GHz with Intel® Turbo Boost Technology  
- 6MB Intel® Smart Cache

Intel® Core™ i7-8550U Processor 1.8GHz  
Max. 4.0GHz with Intel® Turbo Boost Technology  
- 8MB Intel® Smart Cache

Intel® Core™ i7-8650U vPro™ Processor 1.9GHz  
Max. 4.2GHz with Intel® Turbo Boost Technology  
- 8MB Intel® Smart Cache

## VGA Controller

Intel® UHD Graphics

## Display

12.5" IPS TFT LCD FHD (1920 x 1080)  
Protection film  
1200 nits LumiBond® display with Getac sunlight readable  
Capacitive multi-touch screen

## Storage & Memory

4GB DDR4  
Optional: 8GB / 16GB / 32GB DDR4  
256GB SATA SSD  
Optional: 512GB / 1TB SATA SSD  
Optional: 256GB / 512GB / 1TB 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)

## Expansion Slot

Optional: 1D / 2D imager barcode reader  
Optional: Serial port (9-pin; D-sub), or USB 2.0 port

## I/O Interface

**Tablet:**  
FHD webcam x 1\*  
8M pixels auto focus rear camera x 1  
Headphone out / mic-in combo x 1  
DC in Jack x 1  
USB 3.2 Gen 1 Type-A x 1  
USB 3.2 Gen 1 Type C x 1  
LAN (RJ45) x 1  
HDMI x 1  
Docking connector x 2  
Optional: Windows Hello face-authentication camera (front-facing) x 1\*  
Optional: RF antenna pass-through for GPS, WLAN and WWAN  
**Optional Keyboard Dock:**  
DC in Jack x 1  
USB 3.2 Gen 1 x 3  
LAN (RJ45) x 1  
HDMI x 1  
VGA x 1  
Serial port (9-pin; D-sub) x 1  
RF antenna pass-through for GPS, WLAN and WWAN

## Communication Interface

10/100/1000 base-T Ethernet  
Intel® Dual Band Wireless-AC 8265, 802.11ac  
Bluetooth (v4.2)  
Optional: Dedicated GPS  
Optional: 4G LTE mobile broadband

## Security Feature

TPM 2.0  
Kensington Lock  
Optional: Intel® vPro™ Technology  
Optional: Smart Card reader or HF RFID reader<sup>ii, iii</sup> or fingerprint reader<sup>iv</sup>

## Power

AC adapter (65W, 100-240VAC, 50 / 60Hz)  
Li-Ion smart battery (11.1V, typical 2100mAh; min. 2040mAh) x 2  
LifeSupport™ battery swappable technology  
Optional: High capacity battery (14.4V, typical 3450mAh; min. 3300mAh) x 2

## Dimension (W x D x H) & Weight

**Tablet:**  
329.5 x 238 x 24 mm (12.97" x 9.37" x 0.94")  
1.8 Kg (3.96 lbs)<sup>v</sup>

## Tablet+Optional Keyboard Dock:

340.5 x 307.5 x 47 mm (13.40" x 12.10" x 1.85")  
3.25 Kg (7.16 lbs)<sup>v</sup>

## Rugged Feature

MIL-STD-810G certified  
IP65 certified  
MIL-STD-461G certified<sup>vi</sup>  
Vibration & 6 feet drop resistant<sup>vii, ix</sup>  
e-Mark certified for vehicle usage  
Optional: ANSI / UL 121201, CSA C22.2 NO. 213<sup>vii</sup>

## Environmental Specification

Temperature<sup>x</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®  
Optional: Absolute Persistence®

## Accessories

Battery (11.1V, typical 2100mAh; min. 2040mAh)  
AC Adapter (65W, 100-240VAC)  
Capacitive Stylus

## Optional:

Carry Bag  
Battery (11.1V, typical 2100mAh; min. 2040mAh)  
High Capacity Battery (14.4V, typical 3450mAh; min. 3300mAh)  
Multi-bay Charger (Dual Bay)  
Multi-Bay Charger (Eight-Bay)  
AC Adapter (65W, 100-240VAC)  
Office Dock AC Adapter (120W, 100-240VAC)  
MIL-STD-461 Certified AC Adapter (90W, 115-230VAC)  
Vehicle Adapter (120W, 11-32VDC)  
Digitizer Pen  
Capacitive Stylus  
Protection Film  
Tablet Hard Handle  
Hand Strap  
Shoulder Strap (2-point)  
Shoulder Harness (4-point; handsfree)  
Keyboard Dock  
Vehicle Dock  
Office Dock  
Spare SSD Kit

## 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 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.
- ii 13.56MHz Contactless HF RFID / NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- iii LF/HF RFID reader option is not Energy Star 8.0 compliant.
- iv Smart card reader, HF RFID reader and fingerprint scanner are mutually exclusive options.
- v Weight and dimensions vary from configurations and optional accessories; optional high capacity batteries add approx. 11 mm (H), 0.20 kg.
- vi MIL-STD-461G 90W AC adapter sold separately.
- vii Available with limited configurations.
- viii Drop test results vary from configurations and optional accessories.
- ix Tested by a national independent third party test lab following MIL-STD-810G.
- x FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- xi Available when barcode reader option is selected.

# K120

## Fully Rugged Tablet



## Docking Solutions

	Vehicle Dock for Tablet Mode	Vehicle Dock for Laptop Mode	Office Dock for Tablet Mode	Office Dock for Laptop Mode
Serial Port	1	1	1	1
VGA	1	1	1	1
Microphone	--	--	1	1
Audio Output	--	--	1	1
DC in Jack	1	1	1	1
USB	USB 2.0 x 3 USB 3.2 Gen1 x 3	USB 2.0 x 3 USB 3.2 Gen1 x 3	USB 2.0 x 2 USB 3.2 Gen1 x 3	USB 2.0 x 2 USB 3.2 Gen1 x 3
LAN	2	2	2	2
HDMI	1	1	1	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)	3 (WWAN, WLAN, GPS)	--	--
Kensington Lock	1	1	1	1

# Getac

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available specification shall be subjected to quotation by request. V01M02Y21UK



# K120-EX FULLY RUGGED TABLET

- ATEX / IECEx Zone 2 / 22 Certified for hazardous locations
- 8<sup>th</sup> Generation Intel® Core™ i7 / i5 Processor
- 12.5" FHD LumiBond® 2.0 Display with Getac Sunlight Readable Technology (1,200 nits) and Capacitive Touchscreen
- Enhanced Enterprise Security with optional Intel vPro, Windows Hello face-authentication camera and multi-factor authentication options



Hand strap



# Specifications

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## Operating System

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## Mobile Computing Platform

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## Platform Options:

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Max. 3.6GHz with Intel® Turbo Boost Technology  
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Intel® Core™ i7-8550U Processor 1.8GHz  
Max. 4.0GHz with Intel® Turbo Boost Technology  
- 8MB Intel® Smart Cache

Intel® Core™ i7-8650U vPro™ Processor 1.9GHz  
Max. 4.2GHz with Intel® Turbo Boost Technology  
- 8MB Intel® Smart Cache

## VGA Controller

Intel® UHD Graphics

## Display

12.5" IPS TFT LCD FHD (1920 x 1080)  
Anti-static protection film  
1200 nits LumiBond® display with Getac sunlight readable  
Capacitive multi-touch screen

## Storage & Memory

4GB DDR4  
Optional: 8GB / 16GB / 32GB DDR4  
256GB SATA SSD  
Optional: 512GB / 1TB SATA SSD  
Optional: 256GB / 512GB / 1TB 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)

## Expansion Slot

Optional: 1D / 2D imager barcode reader  
Optional: Serial port (9-pin, D-sub), or USB 2.0 port

## I/O Interface

FHD webcam x 1<sup>vi</sup>  
8M pixels auto focus rear camera x 1  
Headphone out / mic-in combo x 1  
DC in Jack x 1  
USB 3.2 Gen 1 Type-A x 1  
USB 3.2 Gen 1 Type C x 1  
LAN (RJ45) x 1  
HDMI x 1  
Optional: Windows Hello face-authentication camera (front-facing) x 1<sup>vi</sup>

## Communication Interface

10/100/1000 base-T Ethernet  
Intel® Dual Band Wireless-AC 8265, 802.11ac  
Bluetooth (v4.2)<sup>v</sup>  
Optional: Dedicated GPS  
Optional: 4G LTE mobile broadband

## Security Feature

TPM 2.0  
Kensington Lock  
Optional: Intel® vPro™ Technology  
Optional: Smart Card reader or HF RFID reader<sup>ii</sup>

## Power

AC adapter (65W, 100-240VAC, 50 / 60Hz)  
Li-Ion smart battery (11.1V, typical 2100mAh;  
min. 2040mAh) x 2

## Dimension (W x D x H) & Weight

329.5 x 238 x 24 mm (12.97" x 9.37" x 0.94")  
1.86 kg (4.10 lbs)<sup>iii</sup>

## Rugged Feature

MIL-STD-810G certified  
IP65 certified  
Vibration & 6 feet drop resistant<sup>iv,v</sup>  
ATEX & IECEx certified

## Environmental Specification

Temperature<sup>vi</sup>:  
- Operating: -21°C to 63°C / -6°F to 145°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 IIIB T130°C Dc

## Pre-installed Software

Getac Utility  
Getac Camera  
Getac Geolocation  
Getac Barcode Manager<sup>ii</sup>  
Optional: Absolute Persistence<sup>®</sup>

## Accessories

Battery (11.1V, typical 2100mAh; min. 2040mAh)  
AC Adapter (65W, 100-240VAC)  
Capacitive Stylus

## Optional:

Battery (11.1V, typical 2100mAh; min. 2040mAh)  
Multi-bay Charger (Dual Bay)  
Multi-Bay Charger (Eight-Bay)  
AC Adapter (65W, 100-240VAC)  
Digitizer Pen  
Capacitive Stylus  
Hand Strap  
Shoulder Strap (2-point)  
Spare SSD Kit

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That means you can depend on us to have your unit back in service within days.

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- ii Smart card reader and HF RFID reader are mutually exclusive options.
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- iv Drop test results vary from configurations and optional accessories.
- v Tested by a national independent third party test lab following MIL-STD-810G.
- vi FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- vii Available when barcode reader option is selected.

# K120-EX

## Fully Rugged Tablet



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