

# V110 EMS

RUGGED RELIABILITY FOR  
EMERGENCY SITUATIONS

Getac



When lives are on the line, you need a device you can rely on. The Getac V110 EMS, with the IK08 compliant design, is purpose-built to deliver incomparable reliability in emergency situations, so that you can stay laser-focused on the needs of your patients.



## UNYIELDING STRENGTH FOR PARAMEDICS

The V110 EMS is designed to withstand accidental impacts, making it highly resistant. It features the reinforced display and I/O door hinge structure, along with increased heft, specifically tailored to meet the rugged requirements of paramedics. When your patients are counting on you, rest assured that you can count on it.



## ENHANCED VISIBILITY FOR FASTER, SAFER USAGE

A damaged device is the last thing you need in an emergency, so the V110 EMS is designed to minimize the chances of accidental device damage. Whether in laptop or tablet mode, the device's bright yellow design makes it extremely easy to spot, allowing for faster, safer usage when every second counts.

# Specifications

## Generation

G7

## Operating System

Windows 11 Pro

## Mobile Computing Platform

Intel® Core™ i5-1235U Processor

Max. 4.4GHz with Intel® Turbo Boost

Technology

- 12MB Intel® Smart Cache

## VGA Controller

Intel® Iris® Xe Graphics<sup>1</sup>

## Display

11.6" Wide Viewing Angle TFT LCD FHD (1920 x 1080)

Protection film<sup>ii</sup>

1,000 nits LumiBond display with Getac

sunlight readable technology

Capacitive multi-touch screen

## Storage & Memory

8GB DDR4

Optional: 16GB

256GB PCIe NVMe SSD

## Keyboard

LED backlit membrane keyboard

Power button

5 tablet programmable buttons

## Pointing Device

Touchscreen

- Capacitive multi-touch screen

Touchpad

- Glide touchpad with left-click and right-click buttons

## Expansion Slot

Optional: Smart card reader x 1<sup>iii</sup>

Optional: 1D/2D imager barcode reader<sup>iii</sup>

## I/O Interface

FHD webcam x 1<sup>iv</sup>

Audio in/out combo x 1

DC in Jack x 1

USB 3.2 Gen 2 Type-A x 2

Thunderbolt™ 4 Type-C x 1

LAN (RJ45) x 1

HDMI 2.0 x 1

Serial port (9-pin; D-sub) x 1

Docking connector x 1

Optional: SIM card slot x 1 (Mini-SIM, 2FF)<sup>v</sup>

Windows Hello face-authentication camera (front-facing) x 1<sup>vi</sup>

Optional: RF antenna pass-through for GPS, WWAN and WLAN

Optional: 8M pixels auto focus rear camera x 1

## Communication Interface

10/100/1000 base-T Ethernet

Intel® Wi-Fi 6E AX211, 802.11ax

Bluetooth (v5.3)<sup>iv</sup>

Dual SIM<sup>vii</sup>

Optional: 4G LTE mobile broadband<sup>v</sup>

Optional: Discrete GPS<sup>viii</sup>

## Security Feature

TPM 2.0

Kensington lock

Optional: HF RFID reader<sup>x</sup>

Optional: Smart card reader

Windows Hello face-authentication camera (front-facing)<sup>vi</sup>

## Power

AC adapter (65W, 100-240VAC, 50/60Hz)

Li-ion battery (11.1V, typical 2100mAh; min. 2040mAh) x 2

LifeSupport™ battery swappable technology

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

313 x 238 x 39.5mm (12.32" x 9.37" x 1.56")

2.68kg (5.91lbs)<sup>x</sup>

## Rugged Feature

MIL-STD-810H certified

IP65 certified

MIL-STD-461G certified<sup>xi</sup>

Vibration & 4ft (1.2m) drop resistant<sup>xii</sup>

## Environmental Specification

Temperature<sup>xiii</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<sup>xv</sup>

Optional: Absolute Persistence<sup>iv</sup>

## Optional Software

Getac Driving Safety Utility

Getac Device Monitoring System (GDMS)

Getac VGPS Utility<sup>xv</sup>

## Accessories

Battery (11.1V, typical 2100mAh; min. 2040mAh)

AC adapter (65W, 100-240VAC)

Capacitive stylus with tether

## Optional:

Carry bag

Battery (11.1V, typical 2100mAh; min. 2040mAh)

Multi-Bay charger (Dual-Bay)

Multi-Bay charger (Eight-Bay)

AC adapter (65W, 100-240VAC)

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<sup>ii</sup>

Hard handle

X strap

Shoulder strap (2-point)

Vehicle cradle<sup>xvi</sup>

Vehicle dock<sup>xvii</sup>

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 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

# V110 EMS FULLY RUGGED LAPTOP

- i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
- ii The V110G7 EMS uses the new screen protection film. The standard V110G7 protection film (GMPFX4) is not compatible with the V110G7 EMS sector specific SKUs.
- iii Smart card reader and optional 1D/2D imager barcode reader are mutually exclusive.
- iv FHD webcam and optional Windows Hello faceauthentication camera (front-facing) are mutually exclusive options.
- v Units with 4G LTE option come with an embedded SIM card slot.
- vi 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.
- vii One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- viii Support GPS and Glonass.
- ix 13.56MHz contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- x Weight and dimensions vary from configurations and optional accessories.
- xi MIL-STD-461 90W AC adapter sold separately.
- xii Drop test results vary from configurations and optional accessories.
- xiii Tested by an independent third-party test lab following MIL-STD-810H.
- xiv Available when barcode reader option is selected.
- xv Models require either embedded or standalone GPS module.
- xvi Gamber Johnson and Havis vehicle docks are e-mark certified.

# Getac

## Getac USA

15495 Sand Canyon Ave. Suite 350 Irvine, CA 92618

Tel : 949-681-2900

GetacSales\_US@getac.com | www.getac.com/us/

# V110G7 EMS Sector Specific SKU Description

SKU#	Description
SKU 1	V110G7 EMS - Sector Specific Hi-Vis Design with Enhanced Protection Cover and Hinge Structure, Intel Core i5-1235U Processor, Windows Hello Webcam, Microsoft Windows 11 Pro x64 with 8GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT + 4G LTE + Dedicated GPS + Pass-through, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Barcode Reader + Rear Camera, Dual batteries, TouchPad W/ Click Button, 3 Year B2B Warranty
SKU 2	V110 G7 EMS - Sector Specific Hi-Vis Design with Enhanced Protection Cover and Hinge Structure - Intel Core i5-1235U Processor, Windows Hello Webcam, Microsoft Windows 11 Pro x64 with 16GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Barcode Reader + Rear Camera, Dual batteries, TouchPad W/ Click Button
SKU 3	V110 G7 EMS - Sector Specific Hi-Vis Design with Enhanced Protection Cover and Hinge Structure - Intel Core i5-1235U Processor, Windows Hello Webcam, Microsoft Windows 11 Pro x64 with 16GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT + 4G LTE + Dedicated GPS + Pass-through, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Barcode Reader + Rear Camera, Dual batteries, TouchPad W/ Click Button, 3 Year B2B Warranty
SKU 4	V110 G7 EMS - Sector Specific Hi-Vis Design with Enhanced Protection Cover and Hinge Structure - Intel Core i5-1235U Processor, Windows Hello Webcam, Microsoft Windows 11 Pro x64 with 8GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT + 4G LTE + Dedicated GPS + Pass-through, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Smart card reader, Dual batteries, TouchPad W/ Click Button, 3 Year B2B Warranty
SKU 5	V110 G7 EMS - Sector Specific Hi-Vis Design with Enhanced Protection Cover and Hinge Structure - Intel Core i5-1235U Processor, Windows Hello Webcam, Microsoft Windows 11 Pro x64 with 16GB RAM, 256GB PCIe SSD (user swappable), Sunlight Readable (Full HD LCD + Touchscreen + Hard Tip stylus), US KBD + US Power cord, Membrane Backlit KBD, WIFI + BT + 4G LTE, Hard Handle, USB Type-A x 2 + USB Type-C x 1 + Barcode Reader + HF RFID, Dual batteries, TouchPad W/ Click Button, 3 Year B2B Warranty