



## VR-X20 EDGE INTELLIGENCE SYSTEM

VR-X20 Edge Intelligence System features AI-empowered computing platform that supports ALPR, merges video and data from multiple sources at once, and enables multi-tasking.



### AI PC Performance for Multi-Tasking

Feature with the Intel® Core™ Ultra 5 processor 125H, delivering faster speed and improved power-saving capability for AI applications.



### Military-Grade Durability

MIL-STD-810H compliant. Built to withstand extreme environments, ensuring consistent performance in a wide temperature range from -22°F to 158°F.



### Versatile Connectivity Options

Seamless connectivity with dual LAN, Wi-Fi 7, GPS (supporting both L1 and L5 bands), and Bluetooth. For enhanced mobility, an optional 4G LTE module is available, enabling data streaming on the go.



### Long-Term Reliability

A 3-year warranty ensures continued service support and device longevity. An extended warranty is also available with additional purchase.



### Backup Battery

Powerful backup battery keeps you fully functional in case of vehicle collision or dead battery.

# Specifications

## Operating System

Windows 11 IoT Enterprise

## CPU

Intel® Core™ Ultra 5 Processor 125H  
Max. 4.5GHz with Intel® Turbo Boost Technology  
- 18MB Intel® Smart Cache

## Memory & Storage

8GB DDR5  
Optional: 16GB / 32GB DDR5  
1<sup>st</sup> storage: 256GB PCIe NVMe SSD  
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD  
2<sup>nd</sup> storage: 256GB PCIe NVMe SSD  
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

## GPU

Intel® Arc™ Graphics

## NPU

Intel® AI Boost

## I/O Interface

PoE (Power Over Ethernet, PSE) x 6  
LAN (RJ45, 2.5Gbps) x 1  
LAN (RJ45, 1Gbps) x 1  
Audio Jacks (RJ45) x 2  
Serial port (9-pin; D-sub) x 1  
Audio in/out combo x 1  
DC in Jack (Power & Ignition) x 1  
USB 2.0 Type-A x 1  
USB 3.1 Gen 2 Type-A x 2  
USB 4 Gen2x2 Type-C x 1  
GPIO Ports (Input x 8, Output x 4, 12V/1A power output x 2)  
GPS SMA x 1  
Wi-Fi MiMo RP-SMA x 2  
Control unit connector x 1  
HDMI x 1  
Optional: SIM card slot x 1<sup>i</sup>  
Optional: LTE MiMo SMA x 2

## Communications

10/100/1000 BASE-T Ethernet  
2.5GBASE-T Ethernet  
Intel® Wi-Fi 7 BE202, 802.11be  
Bluetooth (v5.4)  
Optional: 4G LTE mobile broadband<sup>ii</sup>

## Security

TPM 2.0

## Power

Li-Ion battery (7.26V, typical 9600mAh; min. 9400mAh)

## Ruggedness

MIL-STD-810H compliant

## Temperature

Operating: -30°C to 70°C / -22°F to 158°F  
Storage: -40°C to 85°C / -40°F to 185°F

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

182 x 68.5 x 179mm (7.16" x 2.69" x 7.04")  
2.08kg (4.59lbs)

## Warranty

3-year standard limited warranty  
Extended plans available.

- i Units with 4G LTE option come with an embedded SIM card slot.
- ii The 4G LTE option is certified by the FCC, IC, CE, and RCM.

# VR-X20

## Edge Intelligence System



# Getac

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