

**OpenVINO™**

Features

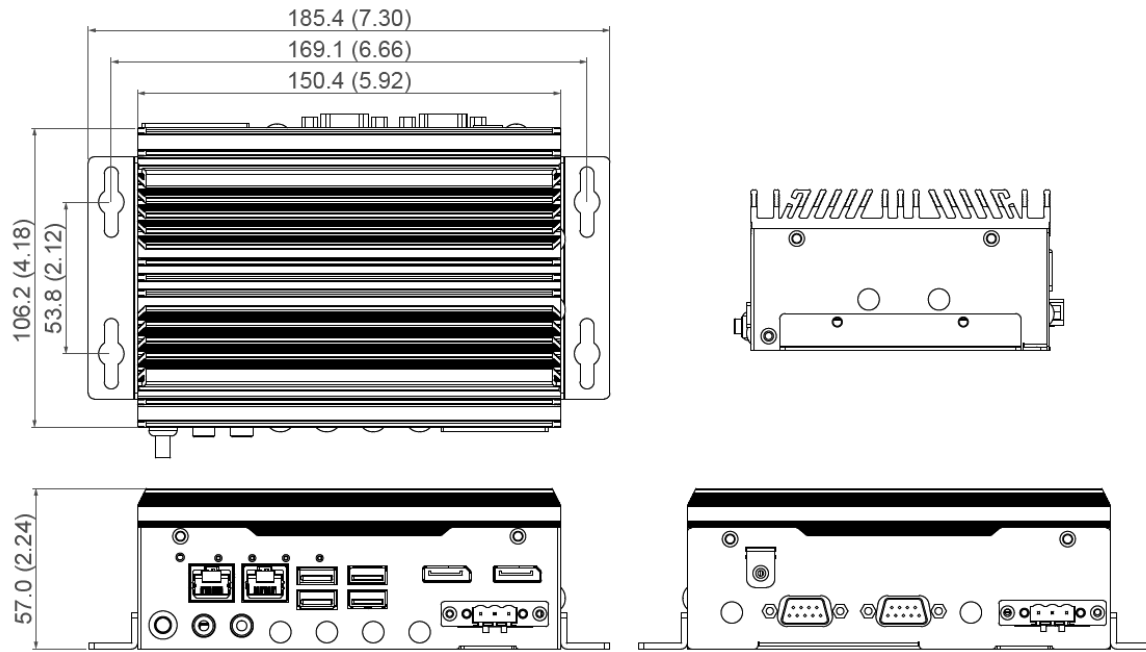
- Fanless in-vehicle system
- 11th Gen. Intel® Core™ i7/i5/i3/Celeron® U-series
- DDR4 3200MHz memory, up to 32GB
- Dual DisplayPorts, up to 4K resolution
- Multiple USB ports, up to 10Gbps data transfer
- Supports Intel® ESDQ and OpenVINO™ Toolkit
- Supports 2.5GbE LAN x 1 (Intel® TSN supported)
- Supports GbE LAN x 1 (iAMT/TPM 2.0 supported)
- Supports full-function SUMIT A/B expansions
- Nano SIM card socket for 4G/5G/WiFi/LTE/GPRS/UMTS
- 9V to 55V wide range DC power input (with ignition control)
- CE, FCC, EN50155, EN50121-3-2

Specifications

System	
Processor	11th Gen. Intel® Core™ i7/i5/i3/Celeron® U-series
Main Memory	DDR4 3200MHz SO-DIMM x 1, up to 32GB
Video	
Format	H.264 / H.265
Video Input	Based on the installed software EverFocus AiO NVR: up to 8ch
Video Output	DisplayPort x 2 (up to 4096 x 2304 @60Hz)
Audio	
Audio Input	MIC x 1
Audio Output	Line-out x 1
Recording	
Format	H.264 / H.265
Resolution	1920 x 1080 at 30fps (NTSC) / 25fps (PAL)
Storage	
SATA	SATA III (6Gbps) x 1
mSATA	n/a
RAID	n/a
Others	M.2 B key 2260 socket x 1
Network	
Ethernet	LAN1: Intel® Ethernet Controller I219LM (GbE LAN, iAMT/TPM 2.0 supported) LAN2: Intel® Ethernet Controller I225-IT (2.5 GbE LAN, Intel® TSN supported)
Wi-Fi / 4G / 5G	Supported (via expansion slot)
GPS / CANBus	Supported (via expansion slot)
I/O	
GPIO	16-bit GPIO (2 internal connectors)

Interface	
Front I/O Panel	Reset switch x 1 LED indicator (PWR/HDD/WWAN/WLAN) x 4 2.5GbE LAN x 1; GbE LAN x 1 USB2.0 x 2; USB3.2 (Gen2) x 2 DisplayPort x 2; PWR button x 1; Antenna port x 4 Audio jack (MIC/Line-out) x 2 Remote power on/off switch (with IGN control) x 1
Rear & Right-Side I/O Panel	Nano SIM card slot x 1 Serial COM port (RS232/422/485) x 2 DC power terminal block x 1 Antenna port x 2 (rear panel) Antenna port x 2 (right-side panel)
Expansion Slot	M.2 B-Key 3042/3052 x 1; M.2 E-Key 2230 x 1 SUMIT slot x 2 (optional, with customized chassis)
Software Support	
NVR Software	EverFocus AiO NVR
General	
Power Supply	DC 9-55V (with ignition pin)
Dimensions (W x D x H)	5.92" x 4.18" x 2.24" / 150.4 x 106.2 x 57.0mm (without bracket)
Gross Weight	2.87lb (1.3kg)
Operating Temp.	-40°F ~ 167°F (-40°C ~ 75°C) @15W TDP CPU
Storage Temp.	-40°F ~ 185°F (-40°C ~ 85°C)
Storage Humidity	5%~95% (non-condensing); 95%@75°C
Shock	IEC 60068-2-27; SSD: 50G @ wallmount, Half-sine, 11ms
Vibration	IEC 60068-2-64; SSD: 5Grms, 5Hz to 500Hz, 3 Axis
Certification	CE, FCC, EN50155, EN50121-3-2

Unit: mm / inch



Ordering Information

Part Number	Packing List
2EIVPTGIAP0001R eIVP-TGU-IV-V0000,i5-1145G7E,no RAM,9-55V	• System x 1 • Wall mount kit x 1 (with 2 brackets, 4 Philips M4x16L screws with washers, 4 Flat M3x4L screws) • M.2 screw x 2 • M.2 tray x 1 • DC power terminal block x 1 • Flat M3x4L screw x 4 (for SATA drive) • Foot pad x 4 • SATA cable x 1 • SATA power cable x 1

Optional Accessories

Part Number / Item			
5SSWD1TSA00002R	WD 2.5" Blue SATA SSD 1TB	4710AC9260G2801	M.2 WiFi/ BT Module with Antenna
4710M4S0AGSAR02	Innodisk DDR4 16G		