

eIVP-TGU-IV-V0000

Fanless In-Vehicle Computer with
11th Gen Intel® Core™ i3/i5/i7 &
Celeron® Processor



Features

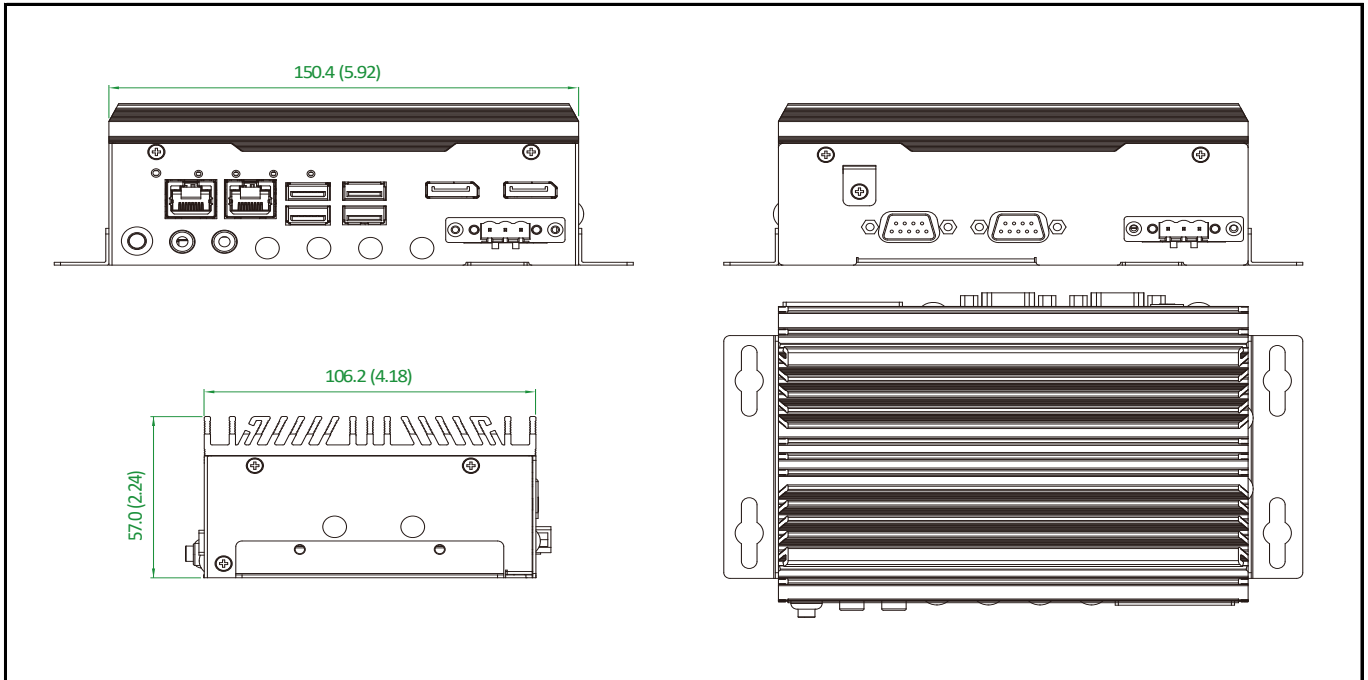
- Quad-core 11th Gen Intel® Core™ i3/i5/i7 & Celeron® Processor (Tiger Lake UP3)
- Compact & Fanless design, up to -40 ~ 75 °C operating temperature
- DDR4 3200 MHz memory, up to 32 GB
- Dual DisplayPort display, up to 4K resolution
- Multiple USB supports up to 10Gbps data transfer
- 1 x 2.5GigE LAN supports Intel® Time Sensitive Networking (TSN) for real-time data synchronization
- 1 x GigE LAN supports iAMT, TPM 2.0 supported
- 9 ~ 55 VDC wide range power input, Ignition Control
- SIM Socket for 5G/Wi-Fi/4G/3G/LTE/GPRS/UMTS
- Optional supports full function SUMIT A, B expansions
- Optional VHub One-Stop AIoT Solution Service supports OpenVINO

Specifications

System		Power	
Processor	11th Gen Intel® Core™ i3/i5/i7 & Celeron® Processor (Tiger Lake UP3) up to 28W TDP	Power Input	9 ~ 55 VDC (Ignition)
Memory	1 x DDR4 3200 MHz Memory, up to 32 GB	Power Interface	3-pin Terminal Block
Thermal Design	Fanless design	Others	
I/O Interface		TPM	TPM 2.0
Serial	2 x RS-232/422/485, RJ45	Software	
USB	2 x USB 3.1, Type A 2 x USB 2.0, Type A	OS	Windows 10, Linux
LED	Power, HDD, WWAN, WLAN	Expansion	
SIM Card	1 x Nano SIM Card Socket	M.2	1 x M.2 B-Key Socket 3042/3052 1 x M.2 E-Key Socket 2230
Audio		Environment&Mechanical	
Audio Input	1 x Mic-in	Dimension	150.4 x 106.2 x 57 mm (5.92" x 4.18" x 2.24")
Audio Output	1 x Line-out	Weight	1.4 kg
Storage		Mounting/Installation	Wall Mount by mounting bracket DIN Rail Mount (Optional) VESA Mount (Optional)
M.2	1 x M.2 B-Key Socket 2260	Operating Temperature	-40 ~ 75 °C (-40 ~ 167 °F) @15 W TDP CPU
Storage Device	1 x Internal 2.5" SSD/HDD Bracket	Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Ethernet		Operating Humidity	5% ~ 95%, non-condensing
LAN1	Intel® I219LM GbE LAN supports iAMT 14.0		
LAN2	Intel® I225 supports 2.5 GigE LAN		

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 1 x Wall mount kits
- 4 x Foot pad
- 1 x SATA & SATA power cable
- 1 x Screw Pack
- 2 x 3-pin terminal block
- 1 x M.2 Tray

Part Number

2EIVPTGUIVV0000-04	eIVP-TGU-IV-V0000, i7-1185G7E Iv-Vehilc System
2EIVPTGUIVV0000-05	eIVP-TGU-IV-V0000, i5-1145G7E Iv-Vehilc System

Optional Accessories

Part Number / Item

DDR4 32G	Certified DDR4 32 GB 3200 MHz RAM
DDR4 16G	Certified DDR4 16 GB 3200 MHz RAM
DDR4 8G	Certified DDR4 8 GB 3200 MHz RAM
DDR4 4G	Certified DDR4 4 GB 3200/2666/2400 MHz RAM
VESA Mount	VESA Mounting Kit
DIN-RAIL	DIN Rail Kit
PWA-120W	120W, 24, 90 VAC ~ 264 VAC Power Adapter with 3-pin Terminal Block
5G Module	5G Module with Antenna
4G Module	4G/GPS Module with Antenna
Wi-Fi & Bluetooth	Wi-Fi & Bluetooth Module with Antenna