



Features

- Fanless in-vehicle system
- Intel® Atom® x6425RE Processor (Elkhart Lake)
- DDR4 3200MHz memory, up to 32GB
- Supports DisplayPort x 1, HDMI x 1
- Supports USB 3.2 x 2, USB2.0 x 4
- Supports GbE LAN x 2 (TPM 2.0-supported)
- Supports Serial COM x 4 (RS232/422/485)
- Supports CAN bus x 2 (isolated)
- Supports M.2 B-Key 2242/2280 x 1 (for NVMe SSD), SATA x 1
- Supports M.2 B-key 3052 x 1 (for 4G/5G module)
- Supports M.2 E-key 2230 x 1 (for Wi-Fi 6E/BT module)
- Supports 9V to 36V wide range DC power input
- Certified with CE, FCC-Class A

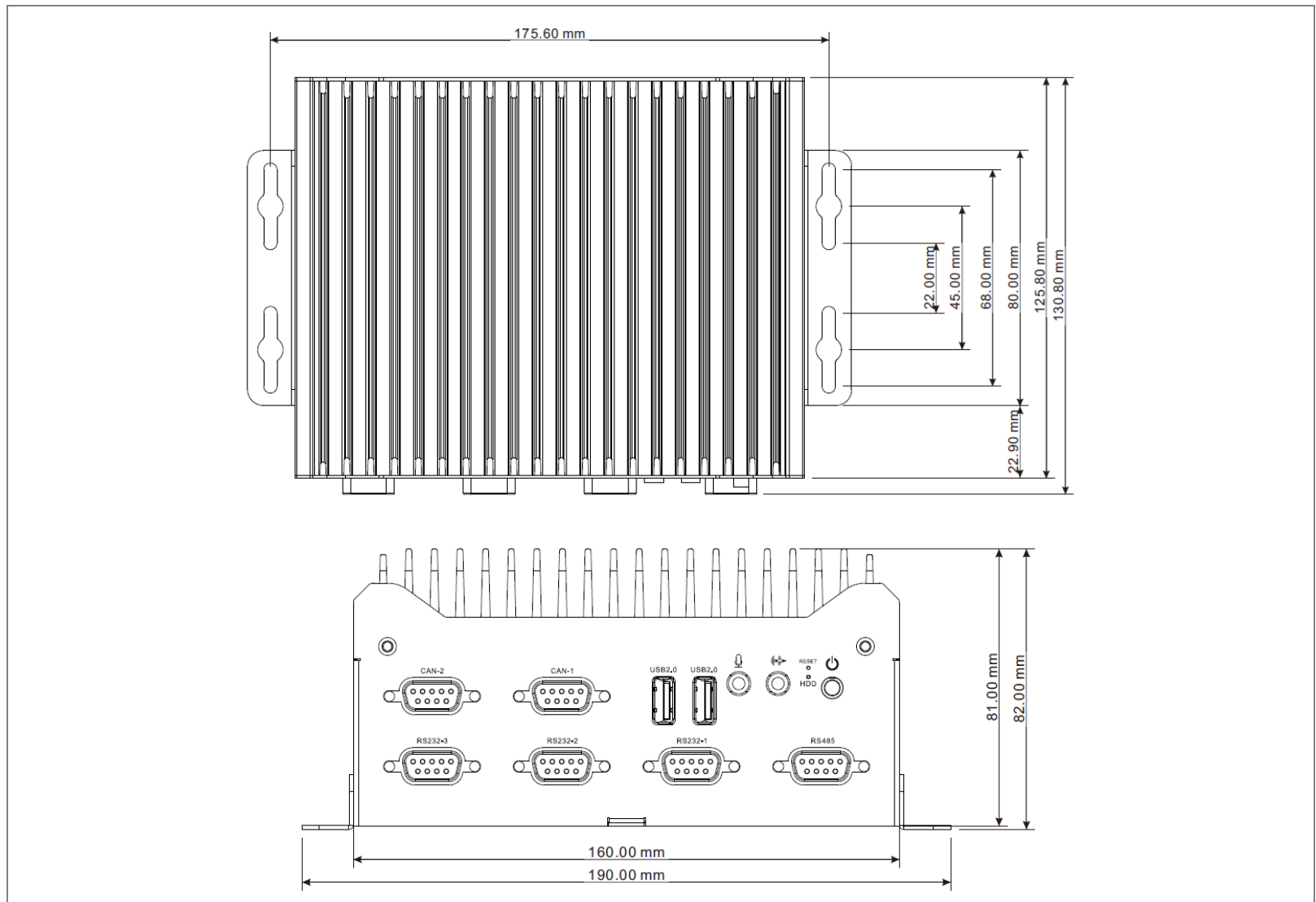
Specifications

System	
Processor	Intel® Atom® x6425RE Processor (Elkhart Lake)
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 4ch
Video Output	HDMI 2.0b x 1, DisplayPort 1.4 x 1
Audio	
Audio Input	MIC x 1
Audio Output	Line-out x 1
Storage	
SATA	SATA III x 1 (6Gbps)
Others	M.2 B-key 2242 x 1 (PCIe x2), M.2 B-Key 2280 x 1 (PCIe x1)
Network	
Ethernet	Intel® i210 x 2 (10/100/1000 Base)
Wi-Fi / 4G / 5G	Supported (optional)
Wi-Fi 6E / BT	Supported (optional)
I/O	
DIO	8-bit DIO (4-In/4-Out)

Interface	
Front I/O Panel	PWR button x 1, Reset Switch x 1, LED indicator x 2 (PWR/HDD), USB2.0 x 2, Audio jack x 2 (MIC/Line-out), Serial COM x 4 (RS232/422/485), CAN bus x 2
Rear I/O Panel	GbE LAN x 2, Display x 1, HDMI x 1, USB3.2 x 2, USB2.0 x 2, DC power terminal block x 1, Antenna x 6, DIO (4-In / 4-Out) x 8
Expansion Slot	M.2 B-Key 2280 x 1, M.2 B-Key 2242 x 1, M.2 E-Key 2230 x 1, M.2 B-Key 3052 x 1
Software Support	
NVR Software	EverFocus AiO NVR
General	
Power Supply	DC 9-36V (3-pin terminal block)
Dimensions (W x D x H)	160.0 x 130.8 x 81.0 mm ³ (without bracket)
Gross Weight	1.5 kg
Operating Temp.	-40°F ~ 140°F (-40°C ~ 60°C) @12W TDP CPU
Storage Temp.	-40°F ~ 185°F (-40°C ~ 85°C)
Storage Humidity	5%~95%, non-condensing; 95%@75°C
Certification	CE, FCC-Class A (EN 55032 & EN 55035); EN50155, UL, BSMI, PSE, other (by project)

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
2EIVPEHIAP0002R eIVP-EHL-IV-V0000, Atom x6425RE, DC 9-36V	

Optional Accessories

Part Number / Item			
4K02X00000030AR	Power Cord EU	3ENTR00DTH0005R	VESA Mount Kits
4K02X00000020AR	Power Cord US	3ENTR00DTH0006R	DIN Rail Kits
4B01XUD12120AS1	Adaptor IN:100-240V OUT:DC12V 10A 120W		