



Compact. Tough. Connectable.

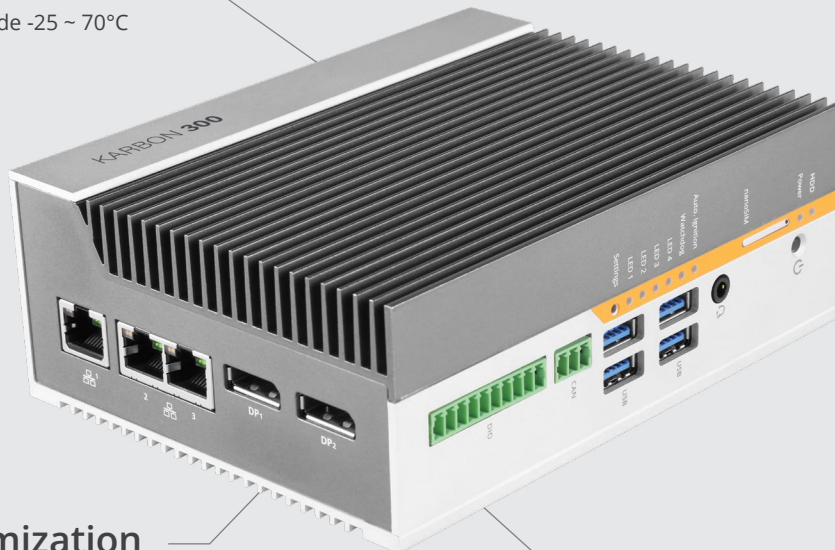
Karbon 300 offers the latest in vision processing, wireless communication, security, and cloud capabilities, all in a rugged, ultra-reliable computer.

logicsupply.com/karbon300/



Rugged Design

Built to withstand 50G of impact force and 500Hz vibration with a wide -25 ~ 70°C operating temperature.



Modular Customization

Push the limits of edge computing with PoE+, Movidius VPU, Consumer Electronics Control, 4G and CAT M1 wireless connectivity, and Wi-Fi/Bluetooth.

Built For The Road

Ready to go anywhere, including mobile deployments, with integrated CAN bus, wide input power range and programmable DIO.

US Office

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www.logicsupply.com

EU Office

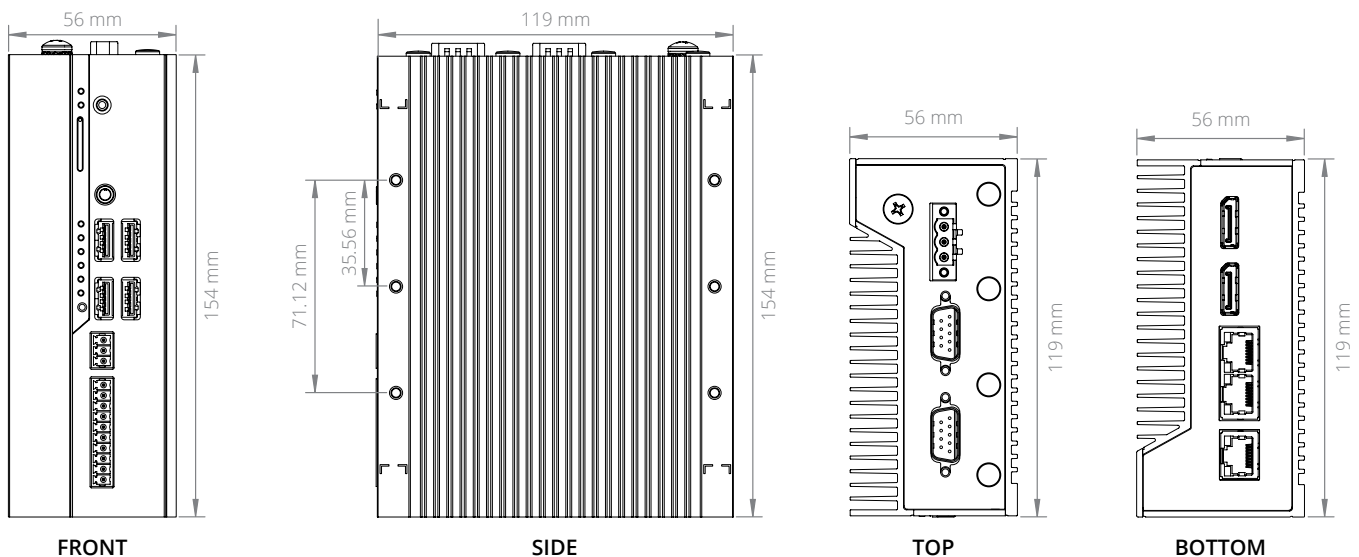
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Specifications

Processor	Intel Atom x5-E3930 Intel Atom x7-E3950	Expansion Options	1 M.2 2230 E-key 1 mPCIe (full size)
Processor Speed	1.3 GHz ~ 1.6 GHz	Storage Options	M.2 2280 M-key SATA or NVMe SSD
Processor Generation	Apollo Lake	LAN Controller	3 Intel I210-IT
Processor Cores	2 ~ 4	Input Voltage	9 ~ 36 V
Graphics / GPU	Intel HD Graphics 500 or 505	Power Input	3-pin Terminal Block
Memory	LPDDR4 Configured with 4 GB or 8 GB	Operating Temp. Range	-25°C ~ 70°C
Top I/O	Power input (9 ~ 36 V) 2 RS-232/422/485 COM ports 4 Antenna holes	Dimensions (WxHxD)	56 x 154 x 119 mm
Front I/O	Power button 4 USB 3.0 ports 3-pin CAN bus 8-bit Isolated Digital I/O (4 in/4 out) Audio jack (Line-Out; Mic-In)	Mounting Options	Wall Vibration Isolation DIN rail VESA
Bottom I/O	2 DisplayPorts 3 GbE LAN ports (2 PoE optional)	Regulatory Information	RoHS FCC CE VCCI RCM UL CB

Dimensional Drawings

All measurements in mm



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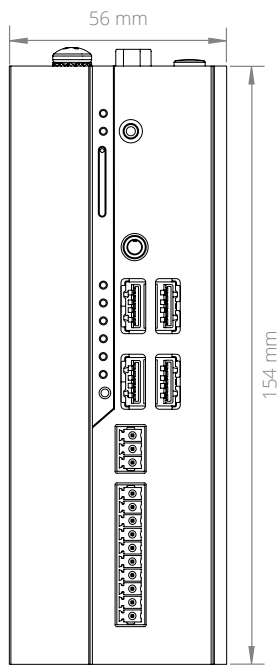
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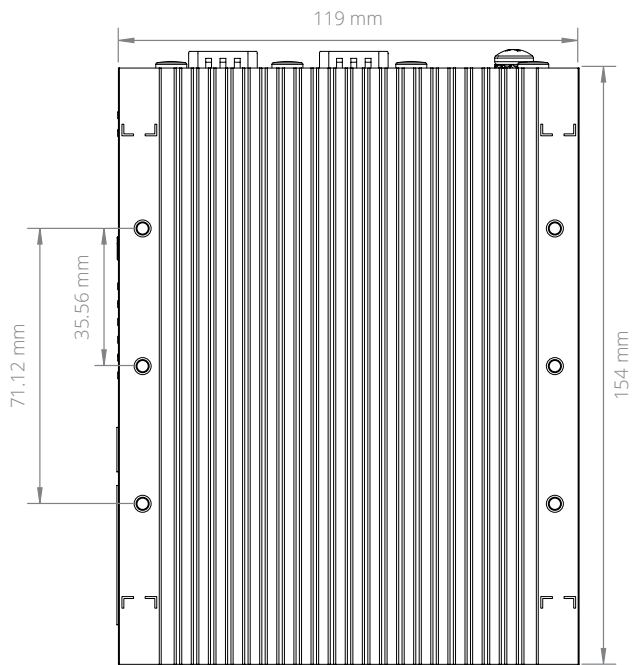
Karbon 300 Dimensional Drawings

Rugged Ultra Compact Computer

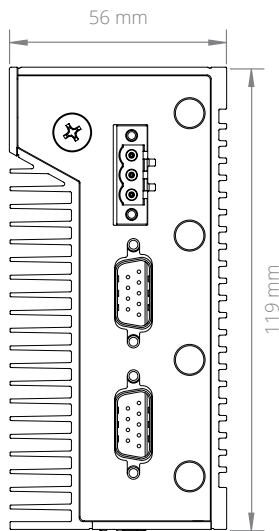
All measurements in mm



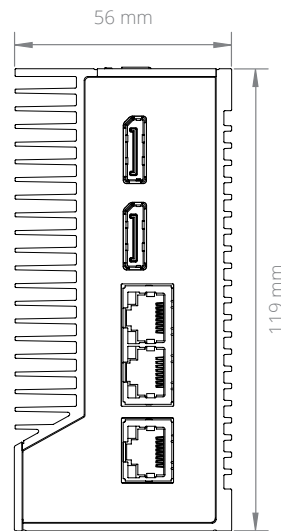
FRONT



SIDE



TOP



BOTTOM



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