

# IGN610

## Ultra Small Fanless Industrial Edge Gateway with Ignition

Based on our CL250 System, IGN610 is an ultra small fanless edge gateway that features dual LAN, dual mini DisplayPorts, and impressive quad-core processing for Ignition edge node SCADA deployments.

[onlogic.com/ign610](http://onlogic.com/ign610)



### BUILT FOR SCADA APPLICATIONS

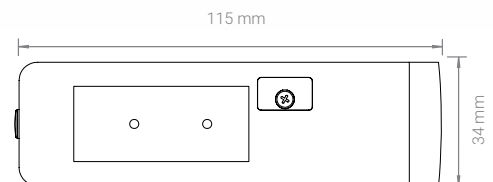
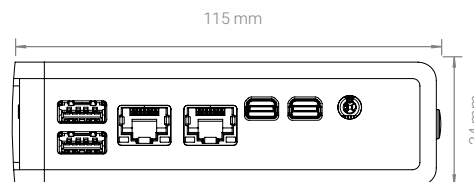
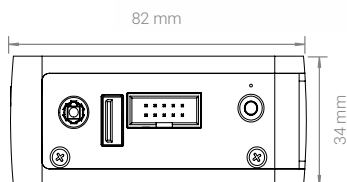
The IGN610 is an ultra small fanless industrial computer. With Quad-Core Intel® Celeron processing, 8 GB of LPDDR4 memory, and functional I/O, the IGN610 serves as the perfect Ignition edge gateway for SCADA applications. The IGN610 is certified for Inductive Automation's Ignition software and also features Intel Platform Trust Technology (PTT) that meets TPM 2.0 standards to help keep your system secure.

### DESIGNED FOR ANY ENVIRONMENT

With OnLogic's industrial-grade Hardshell™ Fanless Technology, the IGN610 is protected from dust, debris, and contaminant ingress, significantly improving the life of the system. The unique cast aluminum chassis efficiently dissipates heat while also allowing for space-saving mounting options such as VESA, wall, and DIN rail mounting.

### THE CONNECTIVITY YOU NEED

Although small, the IGN610 offers impressive connectivity. With two USB 3.0 ports, two 1GbE LAN ports, and two mini DisplayPorts, each side of the system is utilized for I/O. The bottom features one 9-pin RS-232 box header port and one USB 2.0 port, while the top has four antenna holes for Wi-Fi via the system's two mPCIe slots (one full-height, one half-height).



#### US Office

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#### EU Office

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System	
Processor	Intel Celeron J3455
Processor Speed	1.5 GHz
Processor Cores	4
Integrated Graphics	Intel HD Graphics 500
Memory	LPDDR4 8 GB

Rear I/O	
USB	1 USB 2.0 Port
Serial	1 COM Port (RS-232)
Power	1 DC Input Jack (12 V)
Other	Power Button, power indicator LED 1 MicroSD Card slot

Front I/O	
USB	2 USB 3.2 Gen 1 Ports
Ethernet	2 Gb LAN Ports
Video	2 Mini-DisplayPort

Side I/O	
Other	4 Antenna jacks

Expansion & Features	
Expansion & Storage	1 Full-size mPCIe (shared with mSATA) 1 Half-size mPCIe MicroSD Card 1 mSATA (shared with full-size mPCIe slot)

Mechanical	
Dimensions (WxHxD)	115 mm x 82 mm x 34 mm
Mounting Options	DIN-mount VESA-mount Wall-mount

Environmental & Regulatory	
Operating Temperature	0°C ~ 40°C
Certifications	FCC 47 CFR Part 15 CE UL Listed configurations available. CB scheme WEEE Directive (2002/96/EC) RoHS 2 (2011/65/EU) RoHS 3 (2015/863/EU) EN 55024 EN 55032 EN 62368-1 IEC 62368-1 IP50

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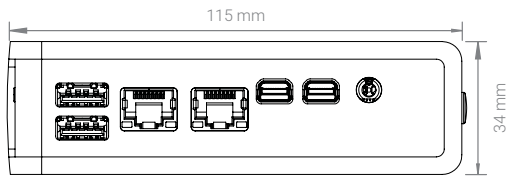
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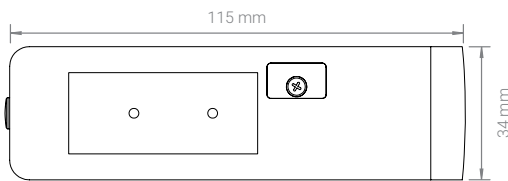
## IGN610 Dimensional Drawings

Industrial USFF Edge Device

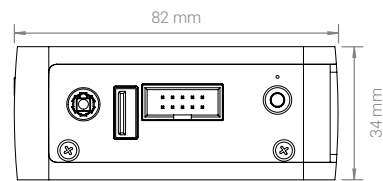
All measurements in mm



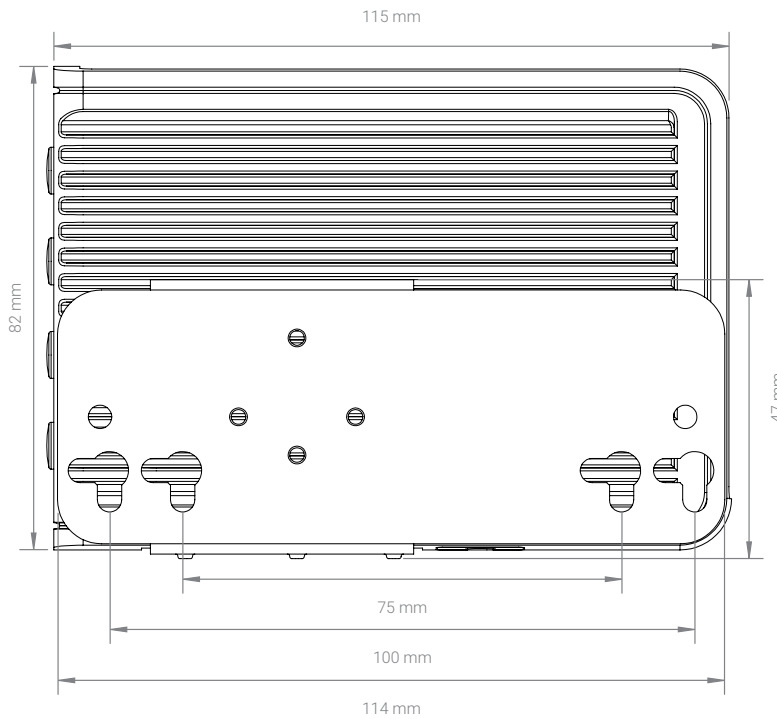
FRONT



BACK



SIDE



TOP

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