

IGN700

Intel® Comet Lake™ Industrial Edge Computer with Ignition

The IGN700 packs Intel® 10th Gen Comet Lake Core processing into a fanless, solid state platform pre-imaged with Ignition from Inductive Automation.

onlogic.com/ign700



Connect & Display

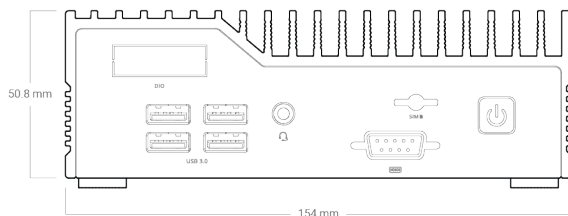
Triple independent display support, dual Gb LAN with vPro/AMT (depending on the processor selected), available DIO and wide-input 12-24V power with voltage protection, the IGN700 put you in control of how your information is collected and displayed.

Intel 10th Gen Power

With an incredible performance to size ratio, the IGN700 packs Intel 10th Gen desktop processing into a fanless, silent mini-pc. The IGN700 can accommodate up to 64 GB of RAM, has room for dual SSDs (including NVMe options) and features available VPU accelerators

Install Anywhere

The IGN700's fanless construction and 0-50°C operating temperature range allow the IGN700 to operate 24/7 right where you need powerful computing, combining the power of a desktop computer with the flexibility of a PLC.



US Office

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EU Office

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System	
Processor	Intel® Comet Lake Core i3/i5/i7/i9
Processor Speed	Up to 3.20 GHz (G5900T) Up to 3.00 GHz (i3-10300T) Up to 2.30 GHz (i5-10500) Up to 2.0 GHz (i7-10700T) Up to 1.90 GHz (i9-10900T)
Processor Cores	Up to 10 (processor dependent)
Chipset	Intel Q470
Integrated Graphics	Intel UHD Graphics 630
Memory	Up to 64 GB

Rear I/O	
Ethernet	2 Gb LAN ports
USB	2 USB 3.1 Gen 2 ports 2 USB 3.1 Gen 1 ports
Video	3 DisplayPorts
Power	1 12 ~ 24 V, 4-pin DC jack (Terminal block input optional)

Front I/O	
USB	4 USB 3.2 Gen 2 ports
Serial	1 COM port (optional)
Other	1 Power button 1 SIM Card slot 1 8-bit DIO port (optional) 1 Audio jack, line-out, mic-in

Expansion & Features	
Expansion & Storage	2x M.2 2280 slots (NVME PCIe x1/SATA)
Features	Wide Power Input

Mechanical	
Dimensions (WxHxD)	154 x 50.8 x 210 mm
Mounting Options	DIN-mount VESA-mount Wall-mount

Environmental & Regulatory	
Operating Temperature	0°C to 50°C
Certifications	FCC 47 CFR Part 15 CE WEEE Directive (2002/96/EC) Low Voltage Directive (2014/35/EU) Electromagnetic Compatibility Directive (2014/30/EU) Radio Equipment Directive (2014/53/EU) - For configurations with wireless transmitters RoHS 3 (2015/863/EU) REACH EN 55024 EN 55032 EN 55035 EN 60950-1 EN 61000-3-2 EN 61000-3-3 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11 EN 62368-1

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IGN700 Dimensional Drawings

Intel® Comet Lake™ Industrial Edge Computer

All measurements in mm

