

Contents [[hide](#)]

- [1 Rusavtomatika IFC-BOX-NS11 Embedded Industrial Computer](#)
- [2 Specifications](#)
- [3 Product Usage Instructions](#)
- [4 Features](#)
- [5 FAQs](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)

РУСАВТОМАТИКА

Rusavtomatika IFC-BOX-NS11 Embedded Industrial Computer



Specifications

Parameter	
Proc essor	Intel Pentium J3710
	4 cores 4 threads, 1.6 GHz, Tu rbo 2.64 GHz
Chips et	Braswell
Mem ory	1xDDR3L 1600MHz SODIMM, max 8 GB
Graphics Card	
Grap hics	Intel HD Graphics
card Displ ay Po rt	2xHDMI (Resolution 4096 x 21 60 @ 24Hz)
	1xDP (Resolution 4096 x 2160 @ 30Hz)
Network	
Lan Port	2xRTL8111H Gigabit
I/O	
USB	2xUSB3.0, 4xUSB2.0

Storage	
MINI PCIE	1x Mini PCIE slot (supports SAT A)
SATA	1×2.5-inchh HDD
Expansion	
Mini PCle	1 full-length Mini PCIe slot (supp ort PCIE & USB2.0 signal, 4G/W IFI/Bluetooth optional), internal Nano-SIM card slot
Dimension	
Size	142×126.5×42 mm
Weig ht	0.74 kg
Install ation	VESA, Wall mount, DIN-rail(optio nal)
Environment	
Temp eratur e	-20°C~ +50°C, Surface air flow

COM	1xCOM(RS232 only)	Humi dity	5%~95% Non-condensing state
Audio	1xLine-out / Mic Two-in-one	Other Funct ion	Power-on, Timing boot, Wake on LAN, PXE boot, watchdog (level 0-255), TPM2.0 security encryption
Power Supply			
Powe r sup ply	9 ~ 36 VDC	Appli cation	Industrial Automation, Medical, Logistics & Transportation, Warehousing, e-education and other fields.

Product Usage Instructions

Installation

The industrial computer can be installed using VESA mounting, wall mounting, or DIN-rail (optional).

Power Supply

Connect the power supply within the specified voltage range of 9~36VDC to power on the device.

Display Setup

Connect your displays to the available HDMI and DP ports for triple display support. Adjust display resolutions as needed.

Storage

You can install an MSATA drive and a 2.5-inch HDD for storage purposes.

Network Connection

Utilise the two RTL8111H Gigabit LAN ports for network connectivity.

Expansion Slots

For additional features like WiFi, Bluetooth, or other optional modules, use the available Mini PCIe slots.

Operating Environment

Ensure the operating temperature is within -20~ +50 degrees Celsius with proper airflow for optimal performance.

Order Information

Configuration	Specs
1	Intel Pentium J3710, 2xLAN/1xCOM/6xUSB

Features

	All-aluminum alloy structure, fanless cooling design
	1xMSATA , 1x2.5 inch HDD
	2xHDMI+1xDP, synchronous/asynchronous triple display
	2xRTL8111H Gigabit
	1xCOM(RS232 only)



IoT Solutions Alliance

PRODUCT OVERVIEW



Optional extensions



4G module

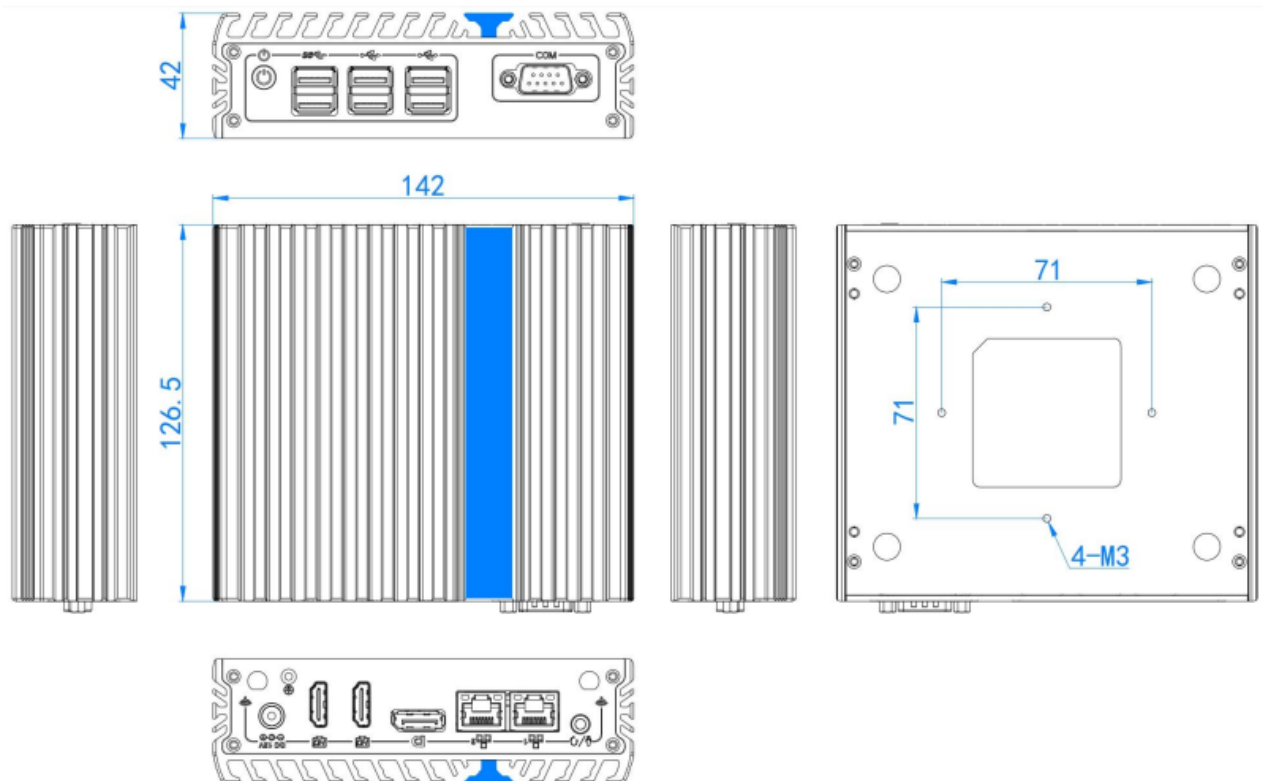


WIFI/BT Module



CAN

Drawing



FAQS

Q: Can I upgrade the memory on this industrial computer?

A: Yes, you can upgrade the memory by replacing the existing DDR3L SODIMM module

with a higher capacity one up to 8 GB.

Q: What are the supported applications for this industrial computer?

A: This computer is suitable for industrial automation, medical, logistics & transportation, warehousing, e-education, and other fields.

Documents / Resources

	Rusavtomatika IFC-BOX-NS11 Embedded Industrial Computer [pdf] User Guide IFC-BOX-NS11, IFC-BOX-NS11 Embedded Industrial Computer, IFC-BOX-NS11, Embedded Industrial Computer, Industrial Computer, Computer
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References

- [User Manual](#)

 RUSAVTOMATIKA

 Computer, Embedded Industrial Computer, IFC-BOX-NS11, IFC-BOX-NS11 Embedded Industrial Computer, Industrial Computer, RUSAVTOMATIKA

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