

seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device



# seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device User Manual

[Home](#) » [seeed studio](#) » seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device User Manual



## Contents

- [1 seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device](#)
- [2 Product Usage Instructions](#)
- [3 Operating Instructions for download](#)
- [4 Safety instructions](#)
- [5 Technical data](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)

# seeed studio

**seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device**



**Product Specifications**

- Model Numbers: J4012, J4011, J3011, J3010, J2012, J2011
- Product Name: Computer Industrial

## Product Usage Instructions

### Safety Instructions

Ensure to read and follow all safety instructions provided in the manual before using the product.

### Power Supply

Use only the specified power supply provided with the product to avoid any damage or safety hazards.

### Disposal

Properly dispose of the product following local regulations and guidelines.

### Product Disposal

When disposing of the product, ensure to separate any recyclable materials and follow environmentally friendly disposal methods.

## Frequently Asked Questions (FAQ)

- **Q: Can I use a different power supply with the product?**
  - A: It is recommended to only use the specified power supply to prevent damage to the product.
- **Q: How should I dispose of the product?**
  - A: Follow local regulations for electronic waste disposal or contact local authorities for guidance on proper disposal methods.

### Safety Instructions

#### recompute Industrial

- Item no: 3124585 (J4012)
- Item no: 3124586 (J4011)
- Item no: 3124587 (J3011)
- Item no: 3124588 (J3010)
- Item no: 3124589 (J2012)
- Item no: 3124590 (J2011)



## Operating Instructions for download

Use the link [www.conrad.com/downloads](http://www.conrad.com/downloads) (alternatively scan the QR code) to download the complete operating instructions (or new/current versions if available). Follow the instructions on the web page.

## **Intended use**

The product is intended for indoor use only. Do not use it outdoors.  
Contact with moisture must be avoided under all circumstances.



If you use the product for purposes other than those described, the product may be damaged.  
Improper use can result in short circuits, fires, electric shocks or other hazards.  
The product complies with the statutory national and European requirements.

For safety and approval purposes, you must not rebuild and/or modify the product.

Read the safety instructions and any accompanying instructions carefully and store them in a safe place. Make this product available to third parties only together with the safety instructions and any accompanying instructions. All company names and product names are trademarks of their respective owners. All rights reserved.

## **Description of symbols**

The following symbols are on the product/appliance or are used in the text:

-  The symbol warns of hazards that can lead to personal injury.
-  The symbol warns of dangerous voltage that can lead to personal injury by electric shock.

## **Safety instructions**

Read this document and the accompanying operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

### **General**

- The product is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- If you have questions which remain unanswered by this information product, contact our technical support service or other technical personnel.
- Maintenance, modifications and repairs must only be completed by a technician or an authorised repair centre.

### **Handling**

Handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

### **Operating environment**

- Do not place the product under any mechanical stress.
- Protect the appliance from extreme temperatures, strong jolts, flammable gases, steam and solvents.
- Protect the product from high humidity and moisture.
- Protect the product from direct sunlight.

### **Operation**

- Consult an expert when in doubt about the operation, safety or connection of the product.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental

use. DO NOT attempt to repair the product yourself. Safe operation can no longer be guaranteed if the product:

- is visibly damaged,
- is no longer working properly,
- has been stored for extended periods in poor ambient conditions or
- has been subjected to any serious transport-related stresses.

### **Power adapter**

Do not modify or repair mains supply components including mains plugs, mains cables, and power supplies. Do not use damaged components. Risk of death by electric shock!

- Connect the appliance to a wall socket that can be accessed easily.
- As power supply, only use the supplied mains adaptor.
- Only connect the power adaptor to a normal mains socket connected to the public supply. Before plugging in the power adaptor, check whether the voltage stated on the power adaptor complies with the voltage of your electricity supplier.
- Never connect or disconnect power adaptors if your hands are wet.
- Never unplug the power adaptor from the mains socket by pulling on the cable; always use the grips on the plug.
- For safety reasons, disconnect the power adaptor from the mains socket during storms.
- Do not touch the power adapter if there are any signs of damage, as this may cause a fatal electric shock! Take the following steps:
  - Switch off the mains voltage to the socket containing the power adapter (switch off the corresponding circuit breaker or remove the safety fuse, and then switch off the corresponding RCD protective switch).
  - Unplug the power adapter from the mains socket.
  - Use a new power adapter of the same design. Do not use the damaged adapter again.
- Ensure that cables are not pinched, kinked or damaged by sharp edges.
- Always lay cables so that nobody can trip over or become entangled in them. This poses a risk of injury.

### **Connected devices**

Also observe the safety and operating instructions of any other devices which are connected to the product.

### **Battery**

- Correct polarity must be observed while inserting the battery.
- The battery should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.
- Batteries must be kept out of reach of children. Do not leave batteries lying around, as there is risk, that children or pets swallow them.
- Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

### **Disposal**



## Product

This symbol must appear on any electrical and electronic equipment placed on the EU market. This symbol indicates that this device should not be disposed of as unsorted municipal waste at the end of its service life.

Owners of WEEE (Waste from Electrical and Electronic Equipment) shall dispose of it separately from unsorted municipal waste. Spent batteries and accumulators, which are not enclosed by the WEEE, as well as lamps that can be removed from the WEEE in a non-destructive manner, must be removed by end users from the WEEE in a non-destructive manner before it is handed over to a collection point.

Distributors of electrical and electronic equipment are legally obliged to provide free take-back of waste. Conrad provides the following return options free of charge (more details on our website)

- in our Conrad offices
- at the Conrad collection points
- at the collection points of public waste management authorities or the collection points set up by manufacturers or distributors within the meaning of the Elektro

End users are responsible for deleting personal data from the WEEE to be disposed of.

It should be noted that different obligations about the return or recycling of WEEE may apply in countries outside of Germany.

## (Rechargeable) batteries

Remove batteries/rechargeable batteries, if any, and dispose of them separately from the product. According to the Battery Directive, end users are legally obliged to return all spent batteries/rechargeable batteries; they must not be disposed of in the normal household waste.



Batteries/rechargeable batteries containing hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on (rechargeable) batteries, e.g. below the trash icon on the left).

Used (rechargeable) batteries can be returned to collection points in your municipality, our stores or wherever (rechargeable) batteries are sold. You thus fulfil your statutory obligations and contribute to environmental protection.

Batteries/rechargeable batteries that are disposed of should be protected against short circuit and their exposed terminals should be covered completely with insulating tape before disposal. Even empty batteries/rechargeable batteries can contain residual energy that may cause them to swell, burst, catch fire or explode in the event of a short circuit.

## Technical data

### Power supply

- **Input** ..... 12 – 24 V/DC  
    **RTC battery** ..... CR1220
- **Power adapter**  
    **Input** ..... 100 – 240 V/AC  
    **Output** ..... 19 V/DC
- **Environment**  
    **Usage environment** ..... Indoor (IP20)

**Operating temperature** ..... -20 to +60 °C  
**Operating humidity** ..... max. 95 % RH (non-condensing) (at 40 °C)  
**Storage temperature** ..... -40 to +85 °C  
**Storage humidity** ..... <80 % RH (non-condensing)

• **Others**

**Dimensions (W x H x D) (approx.)** . 159 x 155 x 57 mm


**Weight (approx.)** ..... 1.57 kg

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## Documents / Resources

	<p><a href="#">seeed studio reComputer Industrial J3010 Series Fanless Edge AI Device</a> [pdf] User Manual</p> <p>J4012, J4011, J3011, J3010, J2012, J2011, reComputer Industrial J3010 Series Fanless Edge AI Device, reComputer Industrial J3010 Series, reComputer Industrial, J3010 Series, Fanless Edge AI Device, Edge AI Device, AI Device, Device</p>
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## References

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