

INDUSTRIAL PRODUCT DATASHEET

reComputer J2012 - Edge AI Device with Jetson Xavier NX 16 GB module, Aluminium case, pre-installed JetPack System

Hand-size edge AI device with Jetson Xavier NX 16 GB, delivering 21 TOPs for building next-gen autonomous machines at the edge.

SKU

110061401

UPDATED

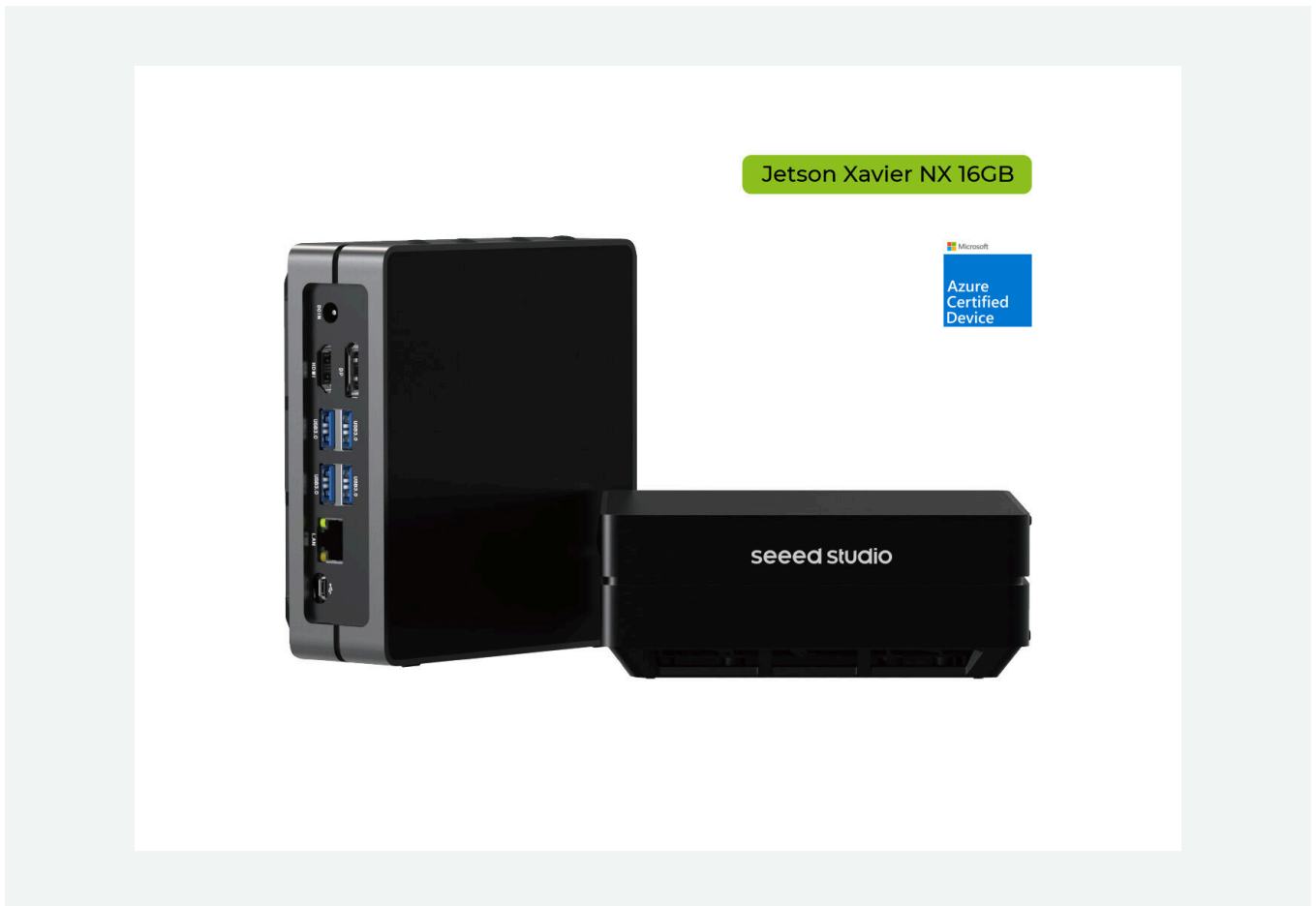
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PRICE

\$699.00(Excl. VAT)



Overview

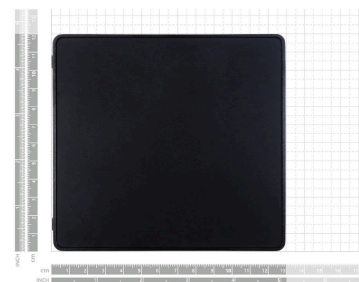


The reComputer J2012 is a hand-size edge AI device built with the Jetson Xavier NX 16 GB production module, delivering up to 21 TOPs AI performance in a 130mm x 120mm x 50mm form factor. It features rich IOs including Gigabit Ethernet, 4 USB 3.0 Type-A, HDMI, and DP ports, operates at as little as 10 watts, and comes pre-installed with NVIDIA JetPack for robust AI application development across manufacturing, logistics, retail, service, agriculture, smart city, healthcare, and life sciences.

Key Features

- **Hand-size edge AI device built with Jetson Xavier NX 16GB** Production Module, delivering 384 NVIDIA CUDA® cores delivers up to 21 TOPs AI with small form factor of 130mm x 120mm x 50mm.
- **NVIDIA Jetson Xavier NX Dev Kit alternative:** the carrier board brings rich IOs including Gigabit Ethernet port, 4 USB 3.0 Type-A ports, HDMI port and DP port
- **Pre-installed NVIDIA JetPack,** support entire [Jetson software stack](#) and various [developer tools](#) for building fast and robust AI application provided by Seeed Edge AI partners, helps develop innovative AI solution for manufacturing, logistics, retail, service, agriculture, smart City, healthcare and life sciences, etc
- **Power-efficient:** as little as 10 watts, delivering high performance, accurate, multi-modal AI inference at the edge.
- **Expandable** with the onboard interfaces and reComputer case, able to mount on the wall with mounting holes on the back.

Product Gallery





Applications

- **Next-gen Autonomous Machine at the Edge:** For both beginners and experts, it is designed to help you to build your next-gen autonomous machine at the edge.

Part List

- 1 x Acrylic Cover
- 1 x Aluminium Frame
- 1 x Jetson Xavier NX 16GB module
- 1 x Heatsink
- 1 x Carrier board
- 1 x 19V/4.75A (MAX 90W) Power Adapter (Power cable not included)

Compliance & Logistics



HSCODE	8471419000
USHSCODE	8517180050
UPC	
EUHSCODE	8471707000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- <https://www.seeedstudio.com/Jetson-20-1-H2-p-5329.html>
- [reComputer J202x datasheet.pdf](#)
- [reComputer J202 carrier board datasheet.pdf](#)
- [Jetson Nano Developer Kit 40-Pin Expansion Header GPIO Usage Considerations](#)

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