

# A Difference between A N 33 BLE Sense vs. Sense Lite

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[petrfilipi](#) 1 September 9, 2022, 3:20pm

Hi, guys.

Is there any difference between Arduino nano 33 BLE Sense and Arduino nano 33 BLE Sense Lite?

I needed to buy Arduino nano 33 BLE Sense - but it is everywhere out of stock. So I have bought "Arduino Tiny Machine learning kit", which part should be Arduino nano 33 BLE Sense. But when I opened a box, there is the Lite version.

There is no info about the Lite version on the Internet.

Thanks for your answers.

Petr Filipi

The Czech Republic

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[cattledog](#) 2 September 9, 2022, 3:47pm

petrfilipi:

Arduino Tiny Machine learning kit

The Arduino Store has this note about the Nano BLE Sense in that kit.

\*For us to be able to have this kit back in stock we produced a Nano 33 BLE Sense without the HTS221 sensor (temperature and humidity), this change does not affect this kit's usage and/or content experience. This board is fully compatible with the kit's documentation.

Perhaps that is what is being referred to as the "Sense Lite"

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[petrfilipi](#) 3 September 9, 2022, 5:51pm

Hi, thanks for your answer.

That is a good fake. According to a description, there should be a Sense type. The Sense type has a H/T sensor. But in fact there is a Sense Lite type without the H/T sensor. I know, there is a star mark. But in fact there is no Sense type, there is a Sense Lite type.

IMHO - if I sell something, where I use Sense Lite, I should write it in a description. Not, that I sell Sense and in fact there is Sense Lite.

Petr Filipi

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[petrfilipi](#) 4 September 9, 2022, 5:52pm

But, in fact, I have 14 days to return this product to the seller without let him not, why, So I will return it.

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[Dozie](#) 5 December 14, 2022, 1:02pm

At the moment Arduino does not produce BLE Sense but the new **BLE Sense Lite** , which does not have onboard **HTS221 temperature and humidity sensor** , but rather has **LPS22HB pressure sensor** , that can also be used to read temperature. This means that, it is technically possible to sense temperature with the board (but not humidity) [as shown in the examples](#) of the LPS22HB sensor library.

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[weston1234](#) 6 January 1, 2023, 5:12pm

So..  
They can do the same thing?

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[cattledog](#) 7 January 1, 2023, 5:16pm

They can do the same thing?

What do you mean by "same thing"?

It was very clear from the Arduino team post that the Sense Lite can not sense humidity.

Dozie:  
This means that, it is technically possible to sense temperature with the board (but not humidity)