



# Intel® NUC Software Studio

Intel® NUC M15 Laptop Kit

User Guide

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Version 1.3

January 26, 2021

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# Revision History

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Revision Number	Description	Revision Date
1.3	First Release	Jan 26, 2021

# 1 Introduction

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## 1.1 Overview

The Intel® NUC Software Studio provides a common solution by merging all the software features available in Intel® SPG products such as NUC, NUC laptop kit, and NUC Compute Element. The Intel® NUC M15 laptop kit features included in Intel® NUC Software Studio are User Presence, LED Light Bar, and System Monitor.

## 1.2 Supported Product

Intel® NUC M15 Laptop Kit

## 1.3 Supported OS

Windows 10 version 2004 build 19041 or newer.

## 2 Installation

### 2.1 Application Installation

1. Search for Intel® NUC Software Studio application in the Microsoft Store.
2. Click **Get**.

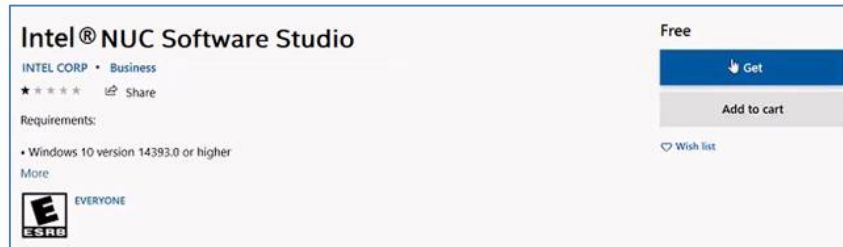


Figure 1: Intel® NUC Software Studio application in Microsoft Store

**Note:** Make sure that the system OS is in the whitelist as mentioned in [Supported OS](#).

3. Once the application has been installed, you will see the following message:

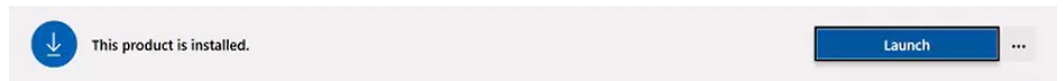


Figure 2: Confirmation with Launch button

**Note:** If the system OS is not supported, an error message is displayed when the Launch button is clicked.



## 2.2 Application Uninstallation

1. Open the Windows Start Menu.
2. Right Click on the Intel® NUC Software Studio icon.

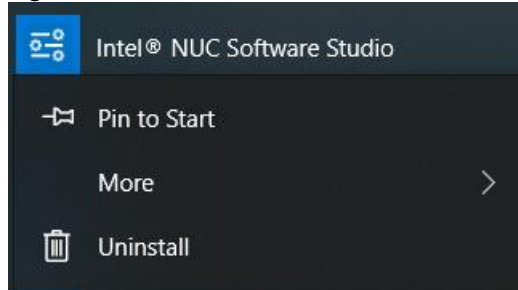


Figure 3 :Intel® NUC Software Studio Uninstallation

3. Choose Uninstall.

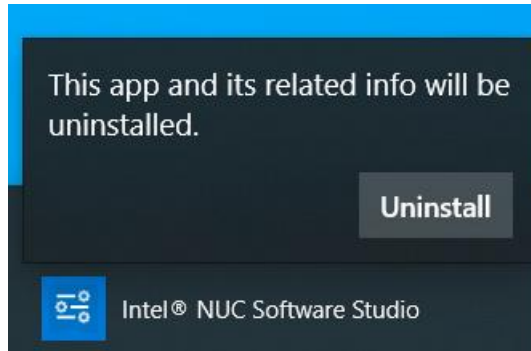


Figure 4: Confirmation to Uninstall

### 3 Intel® NUC Software Studio - Interface

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#### 3.1 Opening the Intel® NUC Software Studio – Intel® NUC M15 Laptop Kit

1. Click on the Windows Start menu icon.
2. Select Intel® NUC Software Studio.

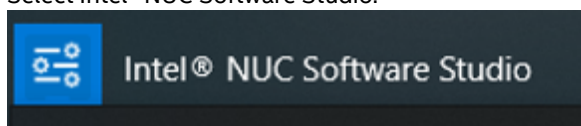


Figure 5: Launching the Intel® NUC Software Studio application

3. Select Yes in the User Account Control prompt.

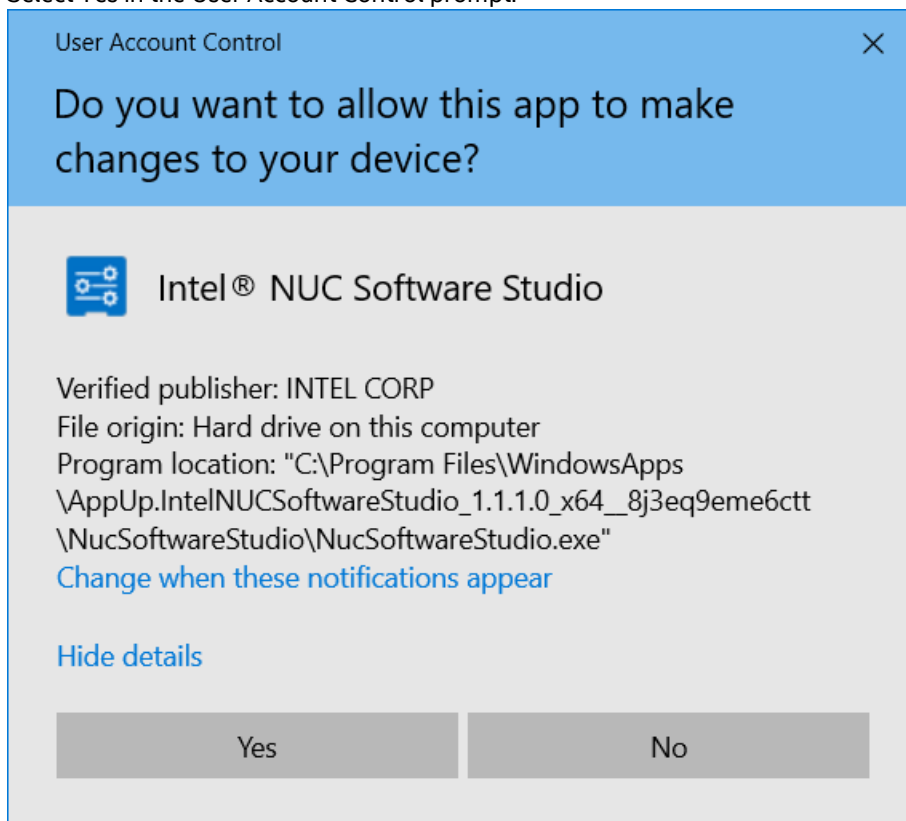


Figure 6: User Account Control

4. EULA Notification > Accept

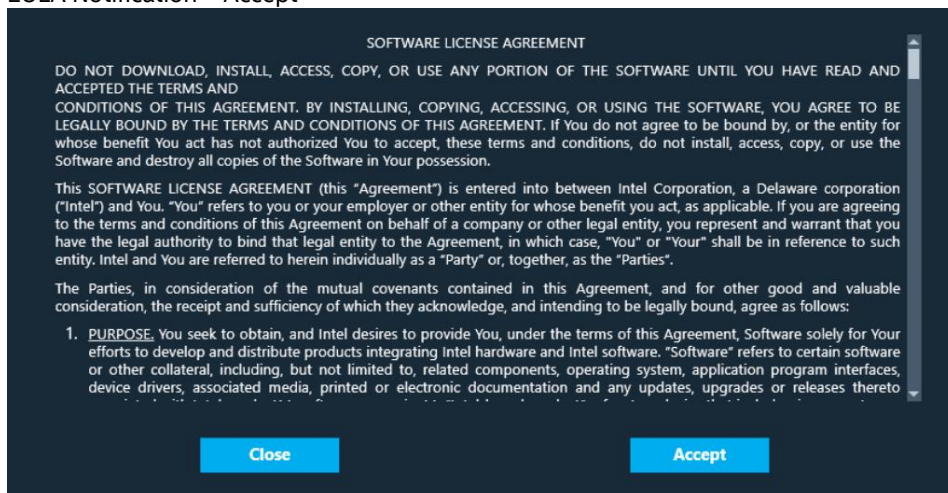


Figure 7: Intel® NUC Software Studio EULA Acceptance

5. The Intel® NUC Software Studio home screen is displayed as shown below. In this example, the Intel® NUC Performance Driver needs to be installed. The Alexa for PC extensions are installed with the Intel® NUC Performance Driver.

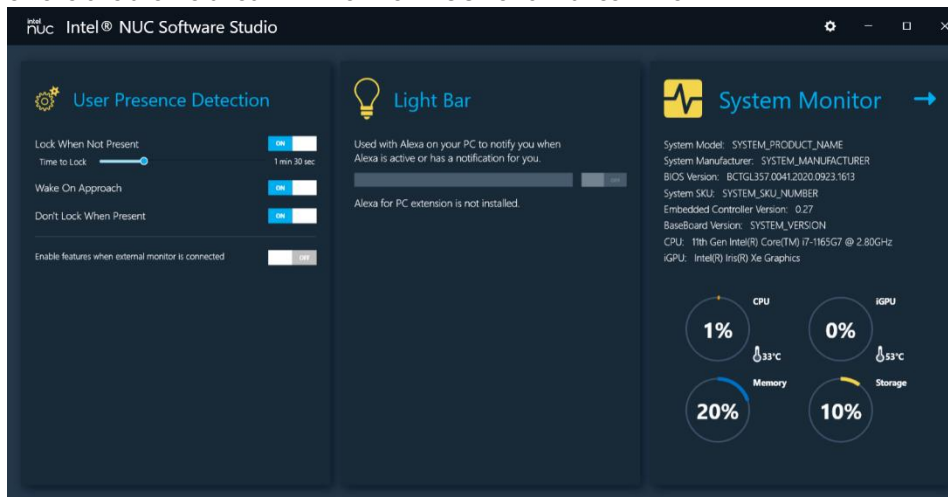


Figure 8: Intel® NUC Software Studio Home Screen without Performance Driver installed

- 6. Download Alexa application by clicking on the link provided.

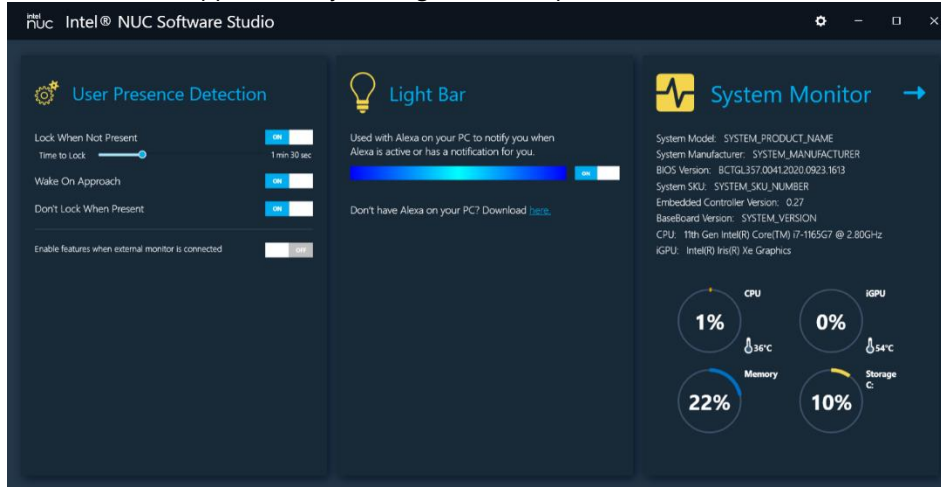


Figure 9: Intel® NUC Software Studio Home Screen with Performance Driver installed

- 7. Example of fully functional Light Bar installation is shown below.

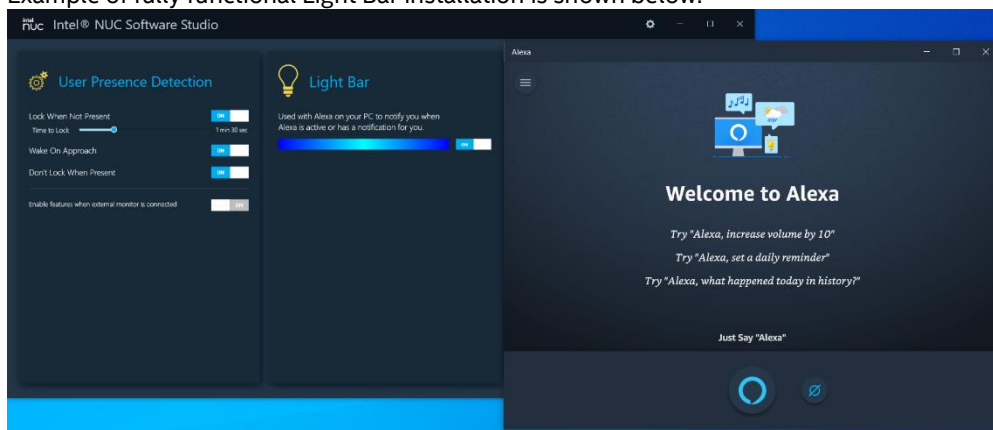


Figure 10: Intel® NUC Software Studio Home Screen with Alexa and Performance Driver installed

## 4 Intel® NUC M15 Laptop Kit

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### 4.1 Overview

This section describes the features for Intel® NUC M15 Laptop Kit. The features that support this product code are listed below:

1. [Alexa LED Light Bar](#)
2. [User Presence Detection](#)
3. [System Monitor](#)

### 4.2 Alexa LED Light Bar

In the Intel® NUC Software Studio Intel® NUC M15 Laptop Kit home screen, the Light Bar feature is displayed as shown below.

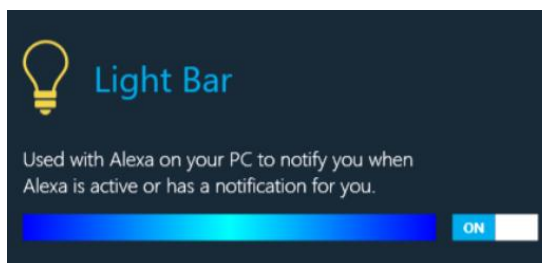


Figure 11: Alexa LED Light Bar Screen

The Light Bar feature is used with Alexa to notify you when Alexa is active. Voice activation using Alexa is indicated in LED Light Bar. The light bar displays different effects based on the state of the Alexa for PC application. This is feature is set to ON by default.

1. The Alexa Light Bar supports the following Alexa application features.
  - a. Idle – No Alexa voice or LED Light Bar activity
  - b. Listening – Alexa app listening sound and animation, LED Light Bar animation
  - c. Thinking – Alexa app thinking sound and animation, LED Light Bar animation
  - d. Speaking – Alexa app speaks (ex: today's weather, tell me a joke, play music) and animation, LED Light Bar animation
  - e. Mic mute – Windows mic mute: Alexa app red bar, LED Light Bar red
  - f. Do not disturb-Enable/Disable
2. Enable/disable Alexa effects using the toggle button.

The following examples show the Light Bar behavior.

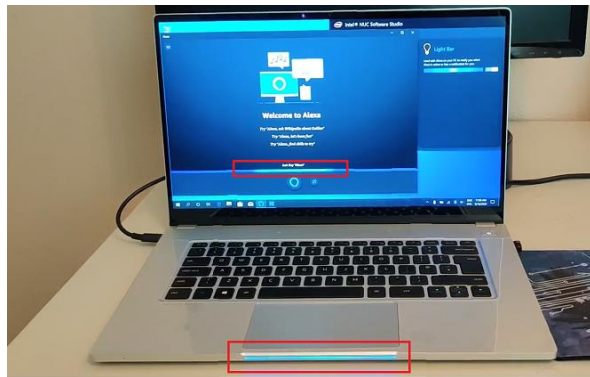


Figure 12: Alexa Active

### Alexa active

The red box on the screen indicates Alexa active. The red box on the laptop (below the touchpad) indicates the corresponding color code for active Alexa.



Figure 13: Mic muted (Alexa Inactive)

### Mic muted (Alexa inactive)

The red box on the screen indicates Alexa is inactive. The red box on the laptop (below the touchpad) indicates the corresponding color code for inactive Alexa.

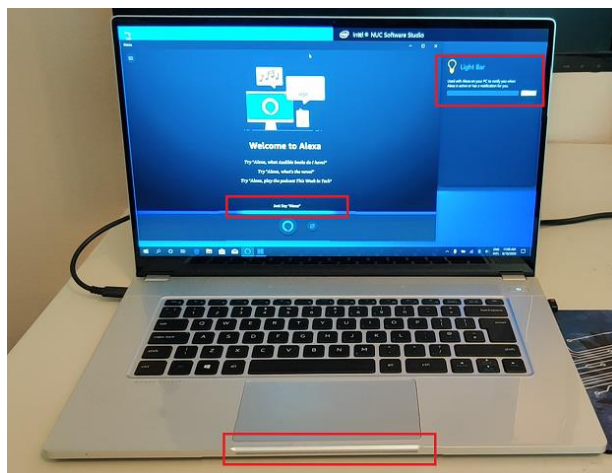


Figure 14: Light Bar off (Alexa active)

### Light Bar off (Alexa active)

The red box on the screen indicates Alexa active. The red box on the laptop (below the touchpad) shows no color since the Light Bar has been deactivated although Alexa is active.

### 4.3 User Presence Detection

The User Presence Detection feature is a special security feature that allows you to lock the device when you are away from the computer, and then wakes it automatically when you return. You can also set User Presence Detection to not lock the computer when you are present. You can set the features in the Intel® NUC Software Studio Intel® NUC M15 Laptop Kit home screen.

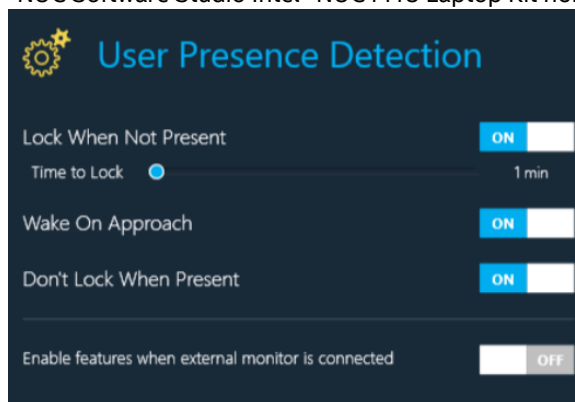


Figure 15: User Presence Detection

Table 1: User Presence Detection Settings

Feature	Button	Default	Function
Lock When Not Present	ON/OFF toggle button	ON	When <b>ON</b> – Locks the laptop when you are away. When <b>OFF</b> – Does not lock the laptop when you are away.
Time to Lock	Slider with duration in seconds	ON	When <b>Lock When Not Present</b> feature is <b>ON</b> , this represents the total time for dimming and locking from 60 seconds to 3 minutes. When <b>Lock When Not Present</b> feature is <b>OFF</b> , the Timer is disabled.
Wake On Approach	ON/OFF toggle button	ON	When <b>ON</b> – The laptop wakes up when you approach the laptop. When <b>OFF</b> – The laptop does not wake up when you approach the laptop.
Don't Lock When Present	ON/OFF toggle button	ON	When <b>ON</b> – The laptop stays unlocked when you are present near the laptop. When <b>OFF</b> – The laptop stays locked when you are present near the laptop.
Enable features when external monitor is connected	ON/OFF toggle button	OFF	When <b>OFF</b> – All the above features are inactive when external monitor is connected. When <b>ON</b> – All the above features are active when external monitor is connected.

## 5 System Monitor

### 5.1 Overview

System Monitor displays the real time indication of the hardware's system settings.

### 5.2 Intel® NUC M15 Laptop Kit System Monitor

The Intel® NUC M15 Laptop Kit home screen displays the System Monitor details as shown below.

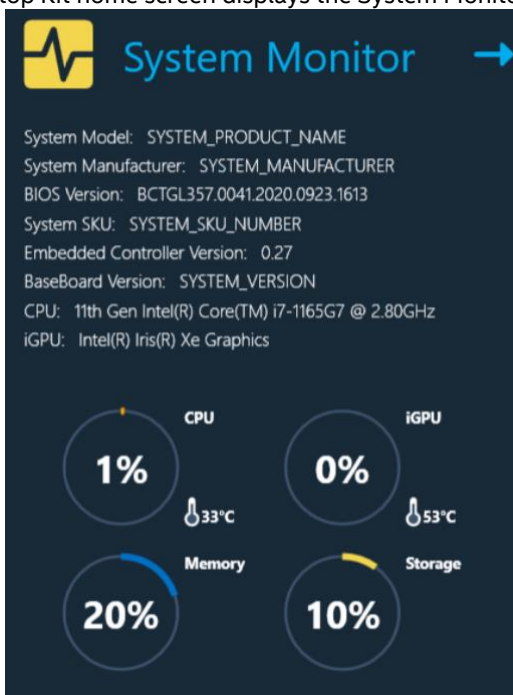


Figure 16: System Monitor - Intel® NUC M15 Laptop Kit Home Screen



Click on the arrow button to view the complete System Monitor details.



Figure 17: System Monitor Screen

### 5.3 Description

The System Monitor displays the details as shown in the table below.

Table 2: System Monitor Settings

Field	GUI	Description
Battery (available on laptops only)		1. Percentage battery remaining
Processor		1. Processor name 2. CPU usage rate indicated as % in the circle 3. CPU temp indicated next to CPU % circle
GPU – Integrated		Integrated Graphics 1. iGPU Name 2. iGPU usage rate indicated as % in the circle 3. iGPU temp indicated next to GPU % circle 4. iGPU Memory
System Memory		1. Memory 2. Memory usage rate indicated as % in the circle 3. Available memory 4. Total Memory
Storage		1. Storage – Each internal storage drive will be listed. 2. Storage Name 3. Storage usage %: indicated as % in the circle 4. Free Space 5. Total Size 6. Interface Type
System Information		1. System Manufacturer 2. System Model 3. BIOS Version 4. Embedded Controller Firmware Version 5. System SKU 6. Baseboard Version 7. CPU Fan speed 8. System Fan 1 speed