

# 준비사항

## 1. 준비물

- 개인 노트북 (이외의 나머지 필요한 물건들은 당일 지급해 드립니다.)

## 2. 프로그램 설치 관련

- 실습을 위해, 특강에 들어오기 전, 개인 노트북에 다음과 같은 프로그램을 설치해 오시기 바랍니다.

## 2-1. STM32CubeMX

- 아래의 링크로 들어갑니다.
- https://www.st.com/en/development-tools/stm32cubemx.html
- 페이지 제일 하단부의 "Get Software"를 클릭합니다.

STM32CubeL4	ST	STM32Cube MCU Package for STM32L4 series and STM32L4 Plus series (HAL, Low- Layer APIs and CMSIS (CORE, DSP, RTOS), USB, TouchSensing, File system, RTOS, Graphic - coming with examples running on ST boards: STM32 Nucleo, Discovery kits and Evaluation boards)		
X-CUBE-AI	ST	Al expansion pack for STM32CubeMX		
X-CUBE-BLE1	ST	Bluetooth Low Energy software expansion for STM32Cube		
X-CUBE-MEMS1	ST	Sensor and motion algorithm software expansion for STM32Cube		

#### **GET SOFTWARE**

Part Number	Software Version	Marketing Status	Supplie	A D 1 1	Previous versions
				Download	
STM32CubeMX	5.0.1	Active	ST	Get Software	Select version >

About STMicroelectronics Media Center Investor Relations Sustainability Careers

• "ACCEPT"를 클릭합니다.





• 아래와 같은 화면에서 이메일 주소를 입력하고 "Download"를 클릭하면, 입력한 이메일 주소로 다운로드 링크가 전송됩니다.

For subsequent downloads this step will not be required for most of our software.

First Name:

Last Name:

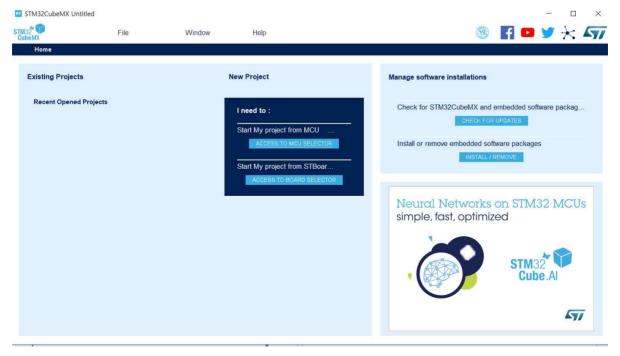
Last Name:

I have read and understood the Sales Terms & Conditions, Terms of Use and Privacy Policy.

ST (as data controller according to the Privacy Policy) will keep a record of my navigation history and use that information as well as the personal data that I have communicated to ST for marketing purposes relevant to my interests. My personal data will be provided to ST affiliates and distributors of ST in countries located in the European Union and outside of the European Union for the same marketing purposes

I understand that I can withdraw my consent at any time through opt-out links embedded in communication I receive or by managing my account settings. I can also exercise other user's rights at any time as described in the Privacy Policy.

• 다운받은 프로그램을 정상적으로 설치하면 다음과 같은 화면을 볼 수 있습니다.





#### 2-2. IAR Embedded Workbench

- 아래의 링크로 들어갑니다.
- https://www.iar.com/iar-embedded-workbench/#!?architecture=Arm
- 화면 중간에 "Download a free trial"를 눌러줍니다.



## Download a free trial

Complete, powerful compiler and debugger tools in a user-friendly IDE—try for yourself!



• "Download Software"를 누릅니다.



## Download a free trial

Complete, powerful compiler and debugger tools in a user-friendly IDE—try for yourself!



Download Software

(Version 8.32, 1322.65 MB) The evaluation license is completely free of charge and allows you to try the integrated development environment and evaluate its efficiency and ease of use. When you start the product for the first time, you will be asked to register to get your evaluation license.

After installation, you have the following evaluation options to choose from:

- · a 30-day time-limited but fully functional license
- · a size-limited Kickstart license without any time limit

### Restrictions to the 30-day time-limited evaluation

- · A 30-day time limitation.
- · Source code for runtime libraries is not included.
- No support for MISRA C.
- C-RUN is size-limited to 12 Kbytes of code, excluding constant data.
- · Limited technical support.
- Must not be used for product development or any other kind of commercial use.

## Restrictions to the Kickstart, size-limited evaluation

- A 32 Kbyte code size limitation.
- Source code for runtime libraries is not included.
- · No support for MISRA C.
- C-RUN is not available.
- · Limited technical support.

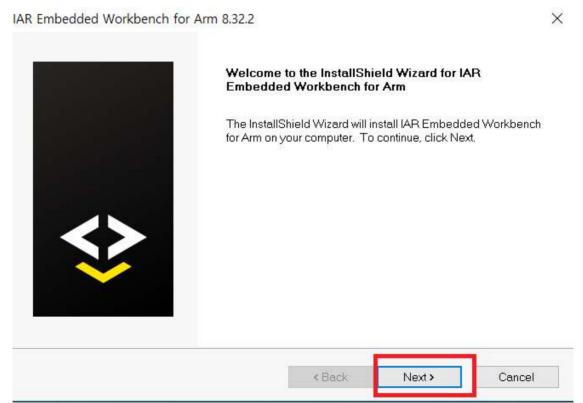


• 인스톨을 진행합니다.

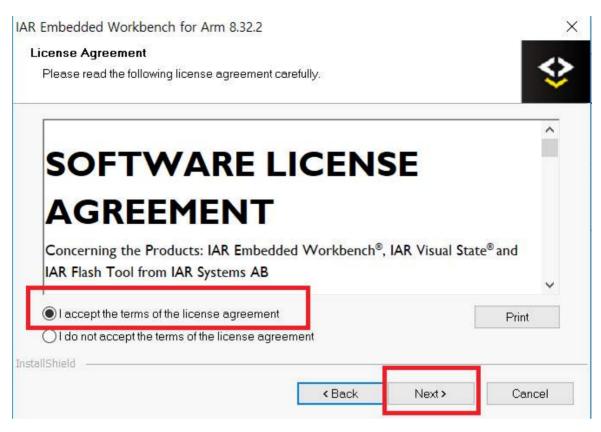


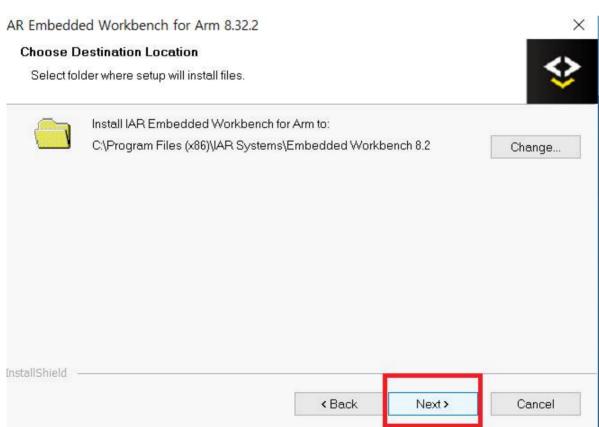






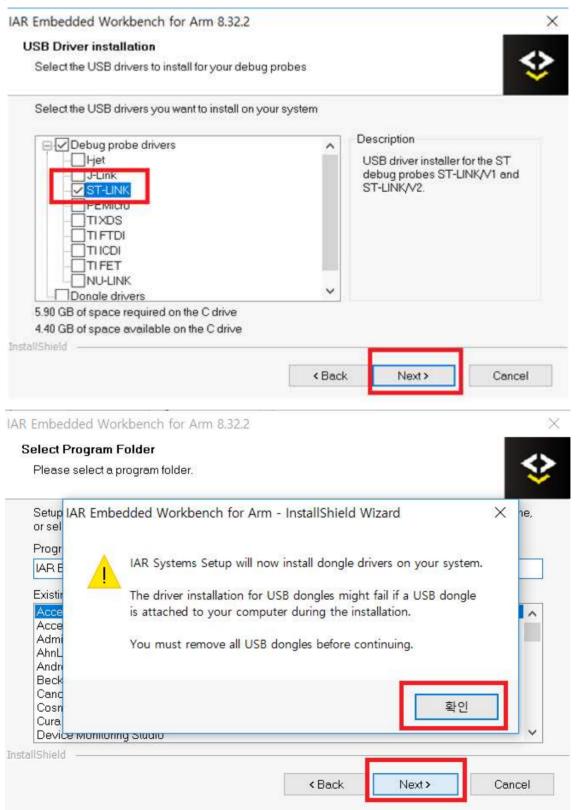




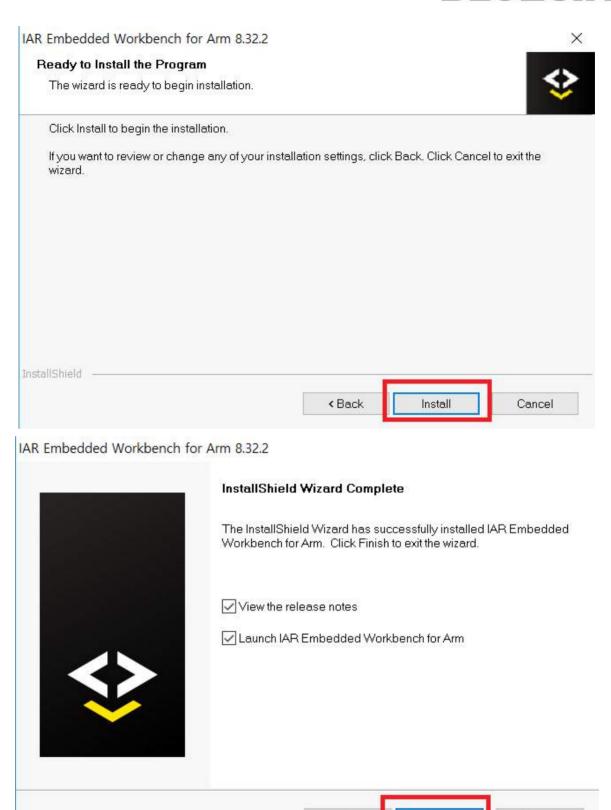




• Debug probe drivers에 ST\_LINK를 선택해줍니다.







< Back

Finish

Cancel