

미션

목표



무선 단말



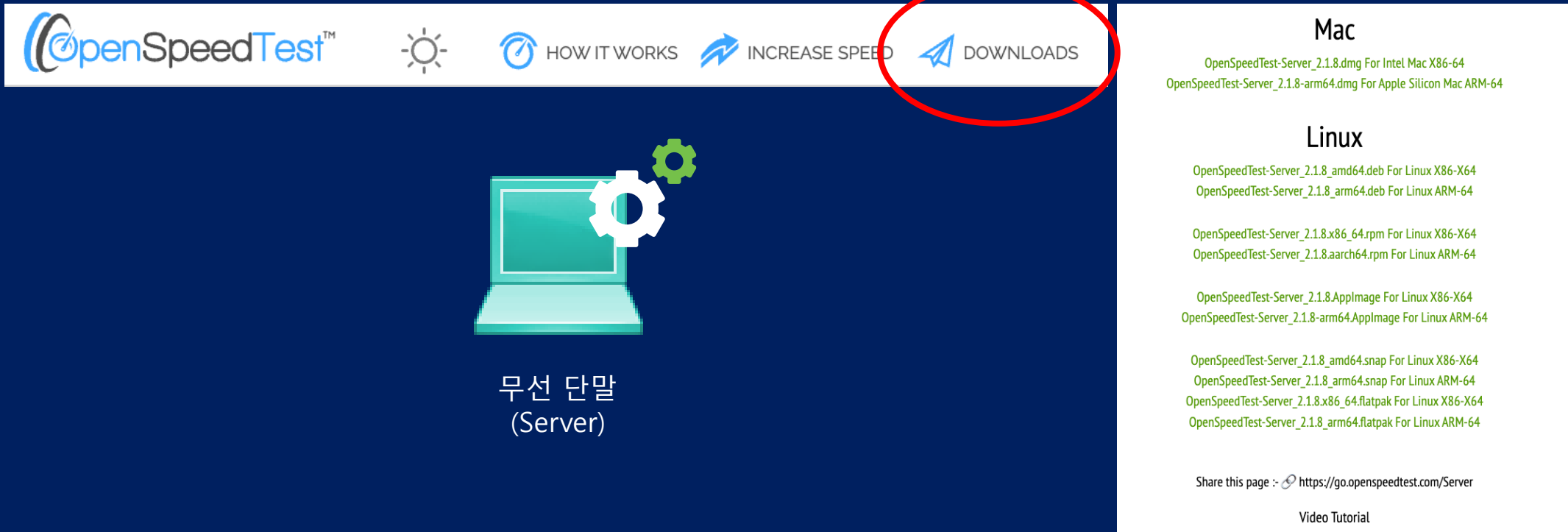
무선 단말

SSID : X-Cisco (X는 조 번호)
예) 1조 : 1-Cisco
비밀번호 : 11223344

- 스스로 구성한 WIFI 네트워크에 무선 단말을 연결 하여 무선 속도를 측정 합니다.
- 구성 방식은 자유 이며, 제약 사항은 없습니다.

속도 측정 툴

<https://openspeedtest.com/>



The screenshot shows the OpenSpeedTest website interface. The top navigation bar includes the logo, a sun icon, 'HOW IT WORKS', 'INCREASE SPEED', and 'DOWNLOADS' (which is circled in red). Below the navigation bar is a large illustration of a laptop with gears, labeled '무선 단말 (Server)'. To the right, a sidebar lists download links for Mac and Linux. The Mac section lists two .dmg files for Intel Mac X86-64 and Apple Silicon Mac ARM-64. The Linux section lists multiple packages for X86-64 and ARM-64 architectures, including .deb, .rpm, .AppImage, .snap, and .flatpak formats. At the bottom of the sidebar, there is a 'Share this page' link and a 'Video Tutorial' link.

Mac

OpenSpeedTest-Server_2.1.8.dmg For Intel Mac X86-64
OpenSpeedTest-Server_2.1.8-arm64.dmg For Apple Silicon Mac ARM-64

Linux

OpenSpeedTest-Server_2.1.8_amd64.deb For Linux X86-X64
OpenSpeedTest-Server_2.1.8_arm64.deb For Linux ARM-64

OpenSpeedTest-Server_2.1.8.x86_64.rpm For Linux X86-X64
OpenSpeedTest-Server_2.1.8.aarch64.rpm For Linux ARM-64

OpenSpeedTest-Server_2.1.8.AppImage For Linux X86-X64
OpenSpeedTest-Server_2.1.8-arm64.AppImage For Linux ARM-64

OpenSpeedTest-Server_2.1.8_amd64.snap For Linux X86-X64
OpenSpeedTest-Server_2.1.8_arm64.snap For Linux ARM-64
OpenSpeedTest-Server_2.1.8.x86_64.flatpak For Linux X86-X64
OpenSpeedTest-Server_2.1.8_arm64.flatpak For Linux ARM-64

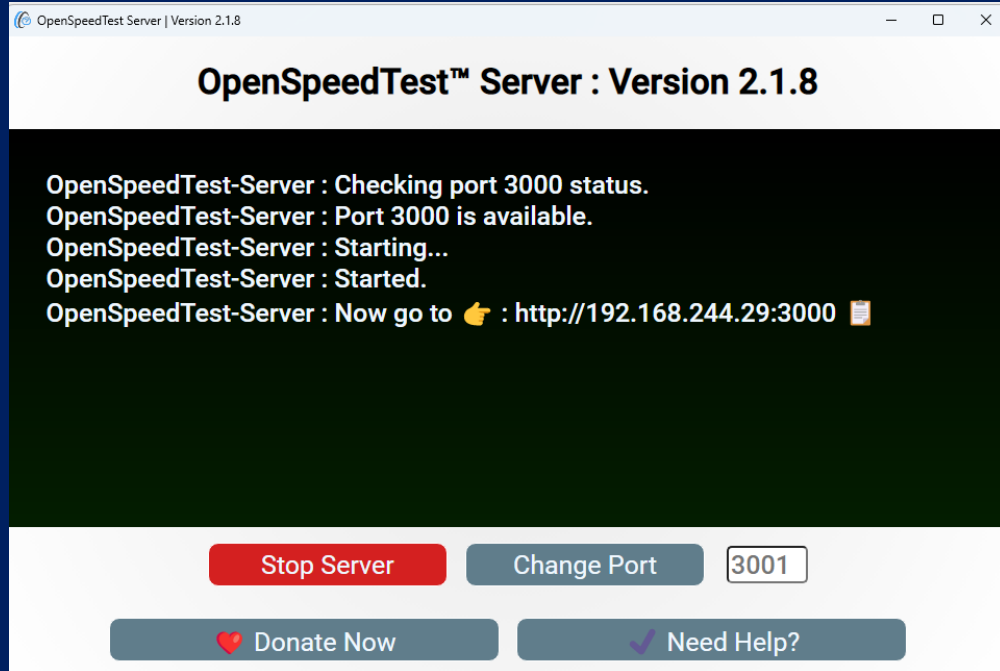
Share this page :- <https://go.openspeedtest.com/Server>

Video Tutorial

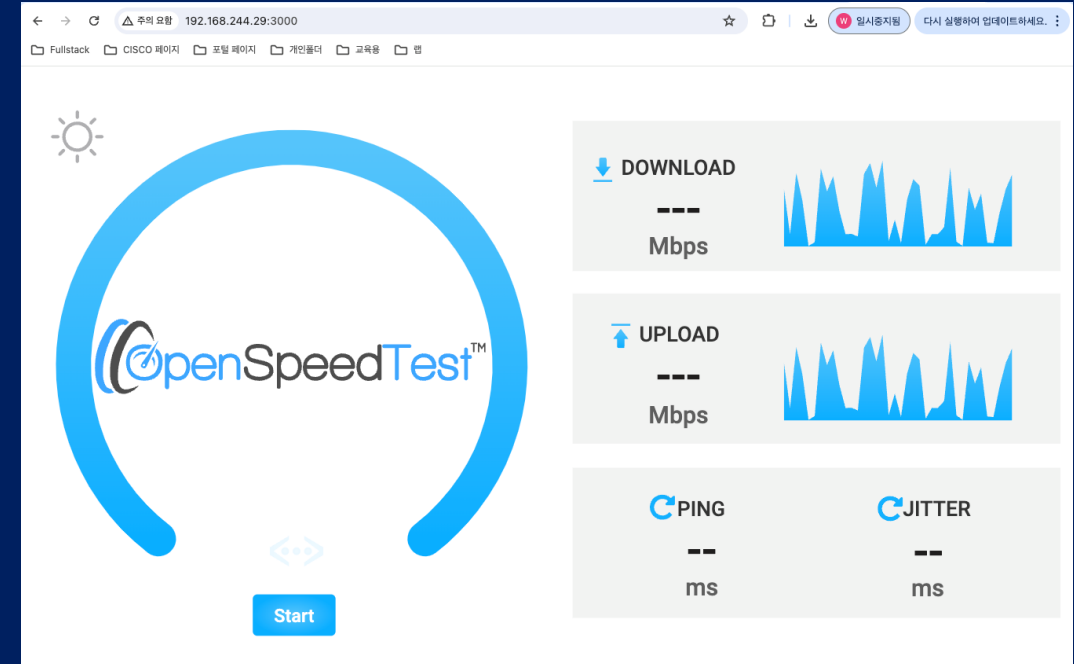
- <https://openspeedtest.com/> 에 접속하여 속도 측정 툴을 Server 역할을 수행할 단말에게 설치 합니다.
- Application을 실행 시키고, Client 역할을 수행한 단말을 접속 하여 속도를 측정 합니다.
- 실제 평가시 Client 역할은 동일한 단말로 측정을 진행 합니다. (MacBook Pro 14 - Apple M1 Pro, 2021년산)

속도 측정 툴 화면

무선 단말 화면
(Server)



무선 단말 화면
(Client)



- 올바른 타입의 Server application 설치
- Server client의 방화벽 확인
- 관리자 모드로 실행

속도 측정 단말 Spec

(MacBook Pro 14 - Apple M1 Pro, 2021년산)

Wi-Fi specifications for the following MacBook Pro models are detailed in the table below.

- MacBook Pro (13-inch, M2, 2022)
- MacBook Pro (14-inch, 2021)
- MacBook Pro (16-inch, 2021)
- MacBook Pro (13-inch, M1, 2020)

802.11 standard, name, frequency	Maximum PHY data rate	Maximum channel bandwidth	Maximum MCS index	Maximum spatial streams / Type
ax@5 GHz	1200 Mbps	80 MHz	11 (HE)	2/MIMO
ac@5 GHz	866 Mbps	80 MHz	9 (VHT)	2/MIMO
a/n@5 GHz	300 Mbps	40 MHz	15 (HT)	2/MIMO
ax@2.4 GHz	195 Mbps	20 MHz	9 (HE)	2/MIMO
b/g/n@2.4 GHz	144 Mbps	20 MHz	15 (HT)	2/MIMO

<https://support.apple.com/guide/deployment/wi-fi-specifications-for-apple-devices-dep268652e6c/web>

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12조		

- ❖ 점수는 Download 값만 반영
- ❖ 1차/2차 중 높은 값 반영