

Streamlining Computer Maintenance with Automation Scripts

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Research Questions

- Q1.1:** How many computers can an automation script conduct maintenance on per workday?
- Q1.2:** How much time can the automated script save for technicians by conducting computer maintenance?

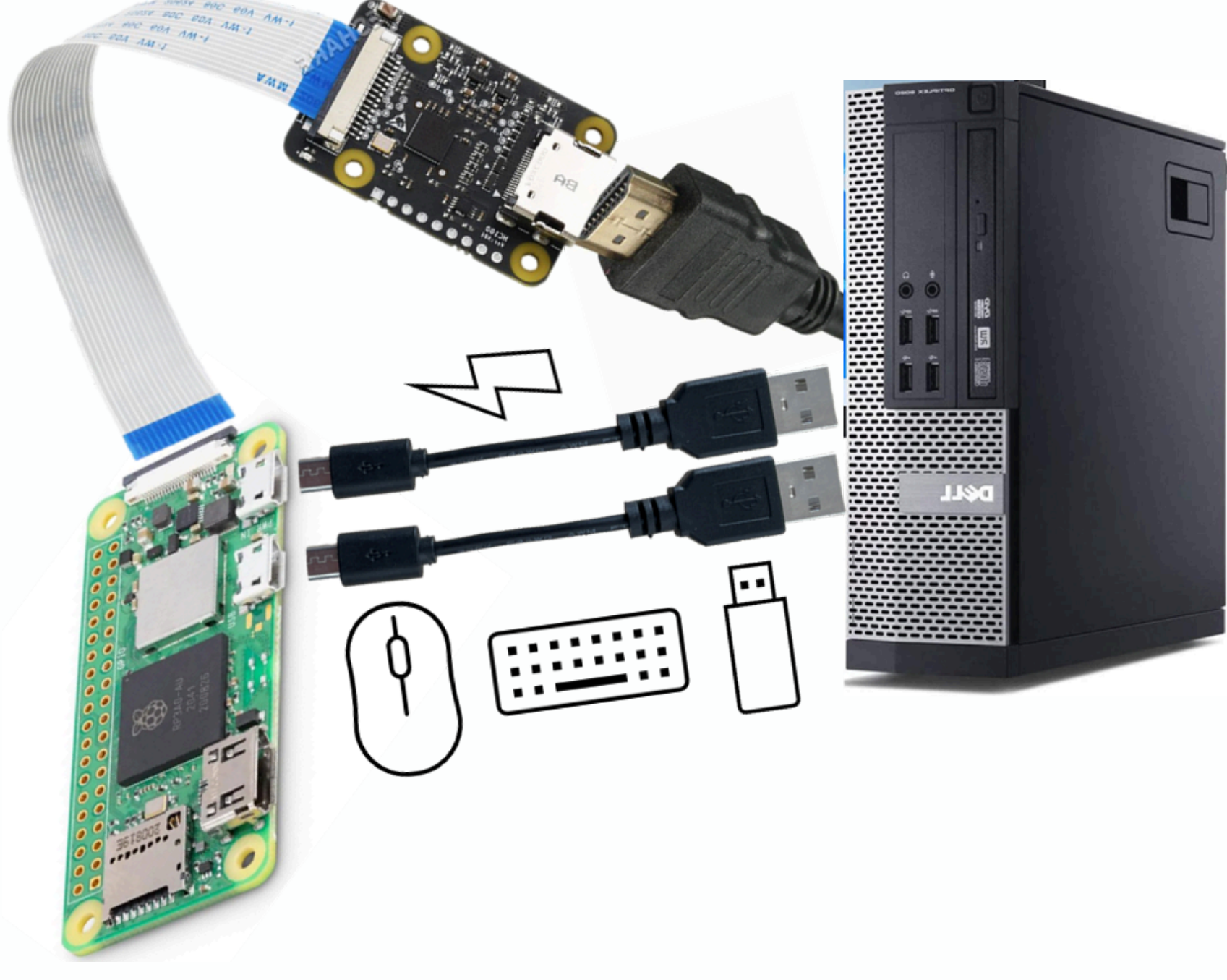
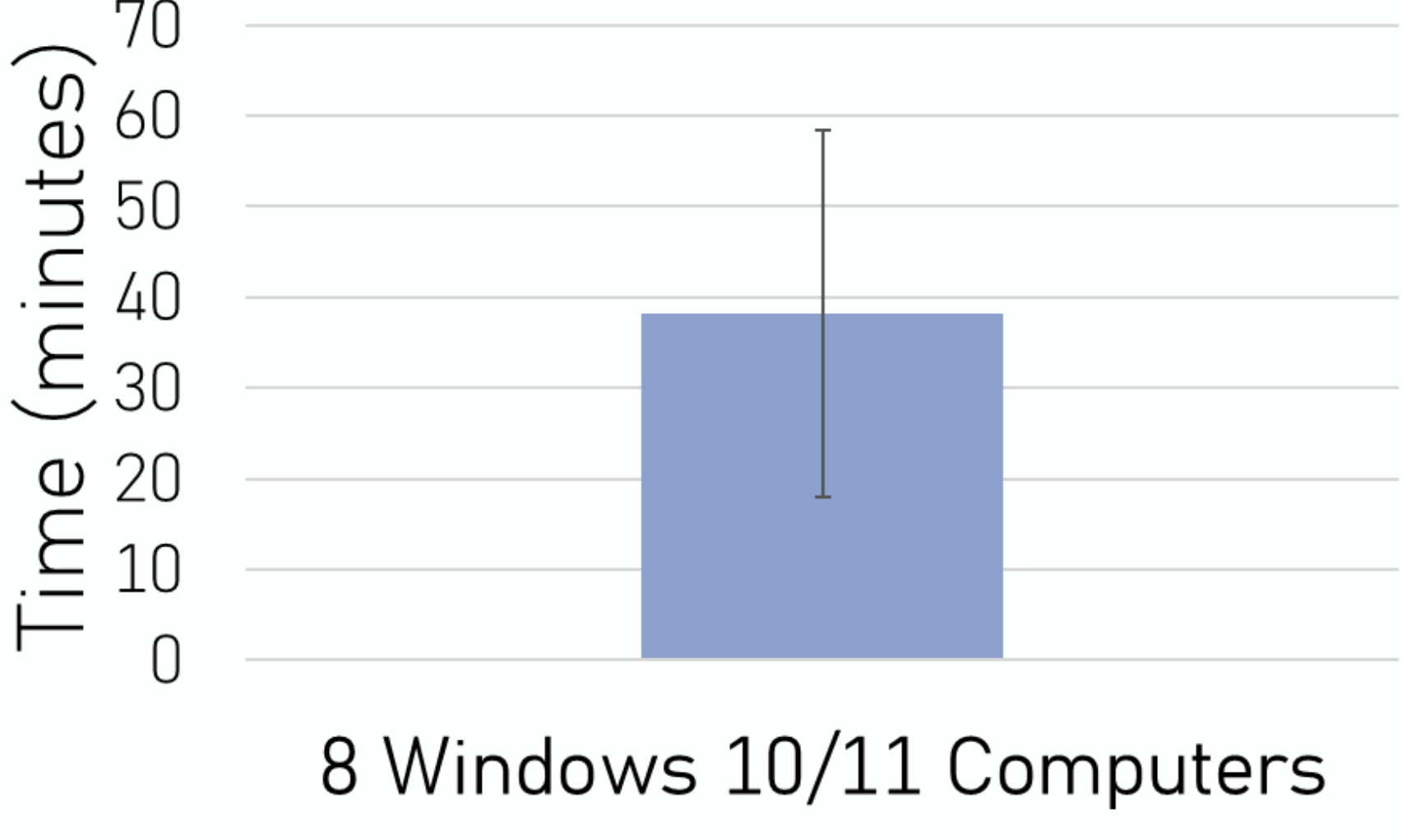
Research Goal

- Goal 1.1:** The automated script will be able to conduct maintenance on at least two computers per workday
- Goal 1.2:** The automated script will reduce the time technicians conduct computer maintenance by 48mins (10% of an 8-hour workday)

Constraints

- The script must work on Windows 10/11 Computers
- The script must conduct maintenance on two computers per eight-hour workday
- The script must have an accuracy of 100% to be fully automated

Average Time (minutes) Spent Conducting Maintenance on 8 Computers



Pass and Failure Rate of Completed Maintenance Tasks by the Automated RPZ2W

