**Compare and contrast microcontrollers and single-board computers**

**Instructions**

This lesson covered microcontrollers and single-board computers. Create a table comparing and contrasting them, and note at least 2 reasons why you would use a microcontroller over a single-board computer, and at least 2 reasons why you would use a single-board computer over a microcontroller.

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| --- | --- | --- |
|  | Microcontrollers | Single-board computers |
| Price | Affordable | Expensive |
| Usage | Development | Development and Deployment |
| Memory | Less memory | More memory |
| Physical size | Small | Big |
| Framwork and OS | Don’t run an OS | Run full OS |

2 reasons to prioritize Microcontrollers: Affordabillty and Simplicity

2 reasons to prioritize Single-board Computers: Large Scale Operations and Versatility.