

SJB-STEM

Elective

SJB-STEM

- Current SJB Basic technology curriculum
 - Laptops and Chromebooks
 - Microsoft Office apps
 - Audio & Video creation/editing
 - Robotics
 - Cyber Security training
 - **MISSING** STEM stuff

SJB-STEM

- STEM Proposal for SJB
 - **Science, Technology, Engineering, and Math**
 - Raspberry PI: Small single-board computer
 - Linux OS
 - Ubuntu Client or Server installed
 - Hands on computer hardware projects/training
 - Programming: Python, JavaScript and Scratch
 - Circuits, electronics & Breadboard

SJB-STEM LINK



Raspberry Pi 4 Model B 2019 Quad Core 64 Bit WiFi Bluetooth (1GB)

Brand: Raspberry

★★★★★ | 16,541 ratings | 179 answered questions




\$124⁹⁵

FREE Returns

Get 40% off eligible products when using American Express Membership Rewards points. Max discount \$40. Activation required. Prime exclusive offer. Limited-time offer, see terms.

May be available at a lower price from other sellers, potentially without free Prime shipping.

Size: 1GB

 \$124.95	 \$149.00	 \$172.00
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Enhance your purchase

Payment plans

1 option from \$41.65/mo at 0% APR

One-time payment \$124.95

SJB-STEM Monitor

- Monitor

Electronics > Computers & Accessories > Monitors



HMTECH



HMTECH
Raspberry Pi Screen

7" Screen Monitor
Resolution:800x480

HMTECH 7 Inch Raspberry Pi Screen
800x480 HDMI Portable Monitor IPS
LCD Screen Display for Raspberry Pi
4/3/2/Zero/B/B+ Win10/8/7 (Non-Touch)

Visit the HMTECH Store

★★★★☆ 267 ratings | 53 answered questions

\$49⁹⁹

FREE Returns

Coupon: Apply \$10 coupon Terms

Get \$60 off instantly: Pay \$0.00 upon approval for the Amazon Rewards Visa Card. No annual fee.

Available at a lower price from other sellers that may not offer free Prime shipping.

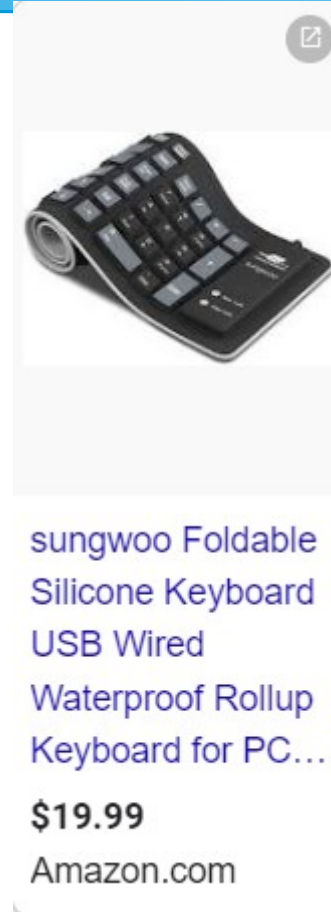
Size: 7" Non-Touch Monitor



Screen Size	7 Inches
Brand	HMTECH
Special Feature	Portable Monitor, PS4 Monitor, Gaming Monitor, Wall Mountable
Refresh Rate	60 Hz
Connectivity Technology	HDMI, USB/Micro-HDMI

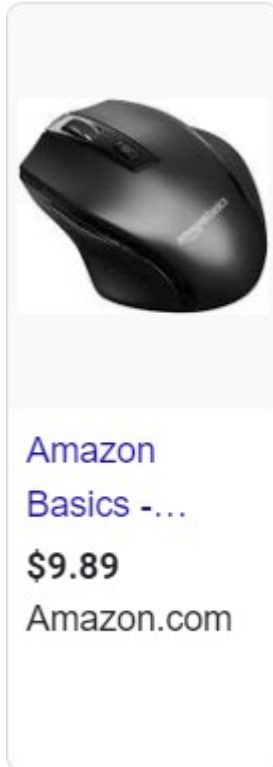
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- Rubber Keyboard
- Link



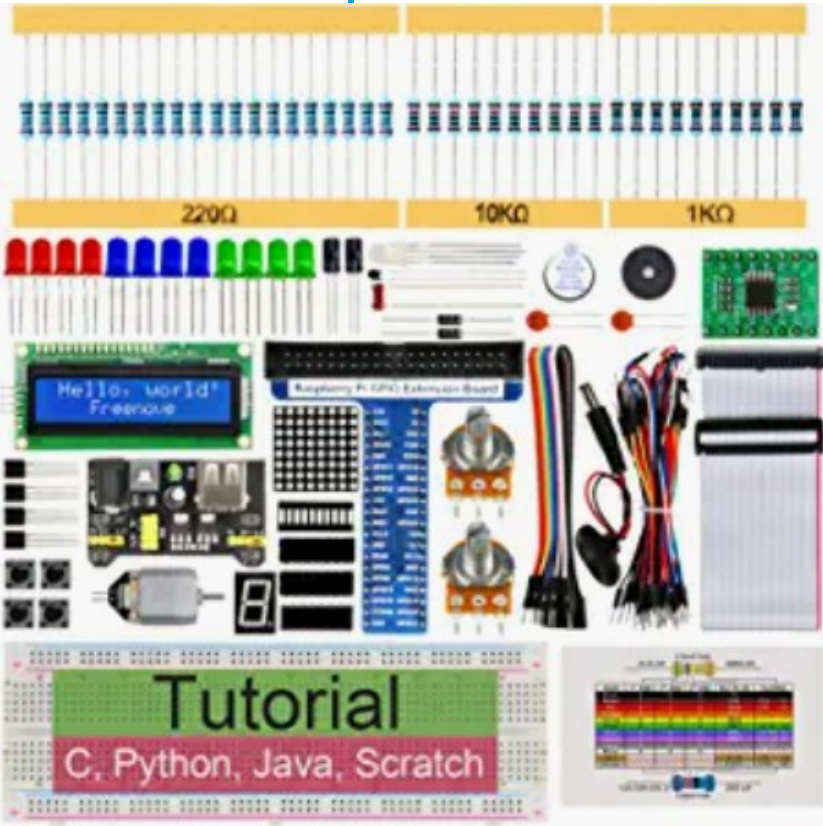
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- Bluetooth Mouse:

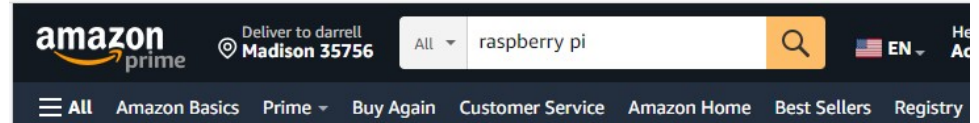


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- PI Project Kit



Roll over image to zoom in



Freenove Super Starter Kit for Raspberry Pi 4 B 3 B+ 400, 407-Page Detailed Tutorial, Python C Java Scratch Code, 164 Items, 73 Projects

Visit the FREENOVE Store

★★★★★ 276 ratings | 4 answered questions

\$23⁹⁵

✓prime

FREE Returns

With Amazon Business, you would have saved \$103.52 in the last year. [Create a free account](#) and save up to 15% today.

Brand	FREENOVE
CPU Model	None
CPU Manufacturer	Freenove

About this item

- 4 programming languages -> Python (compatible with 2&3), C, Java and Scratch.
- 407-page detailed tutorial (including basic electronics knowledge) -> The download link can be found on the product box. (No paper tutorial.)
- 164 items for 73 interesting projects -> Each project has circuit diagrams and verified code with

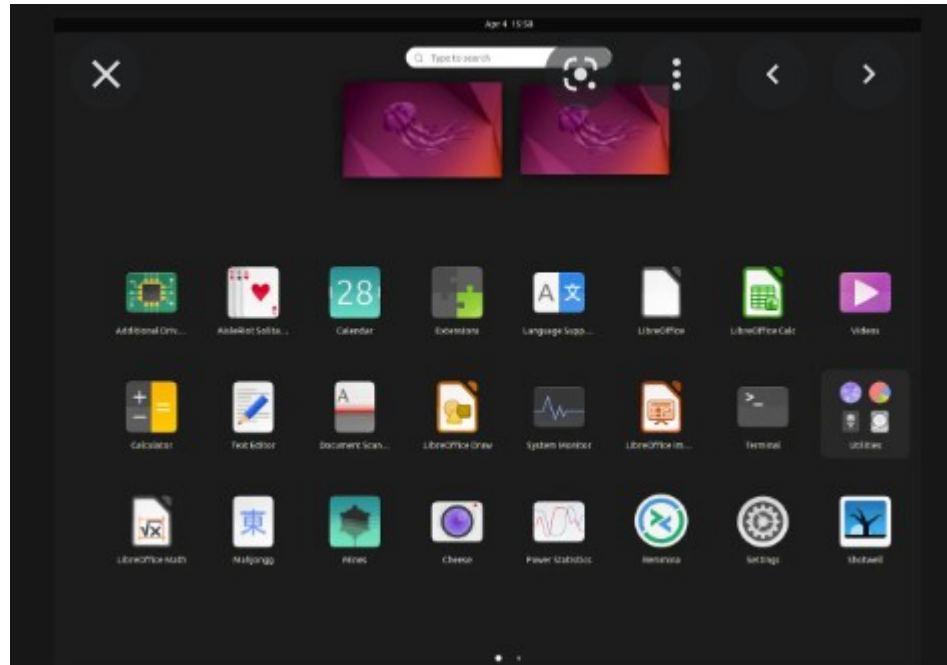
Raspberry Pi OS

Your Raspberry Pi needs an operating system to work. This is it. Raspberry Pi OS (previously called Raspbian) is our official supported operating system.



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- Linux - Ubuntu

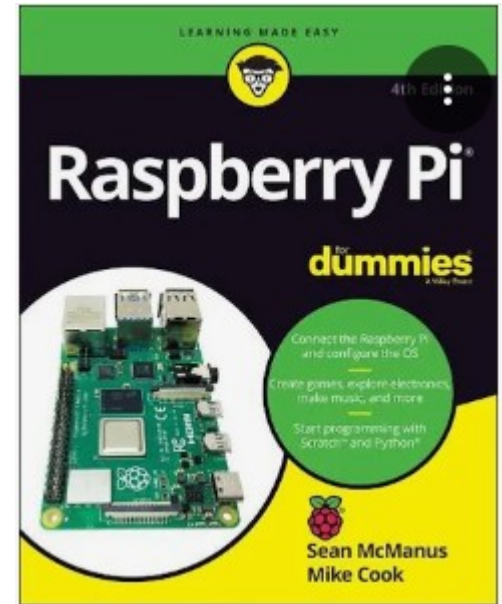


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- Apps for the PI
 - Some Ubuntu apps
 - Libre Office is Microsoft Office equivalent
 - MyPaint, a free and open-source drawing program
 - Screen Recorder
 - Python: ...
 - C/C++: ...
 - JavaScript: ...
 - PHP: ...

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- Raspberry Pi Text Book
- [Link](#)



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- SJB Raspberry Pi curriculum

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- Cost of Hardware Software:
 - Raspberry PI Kit: \$125 .00
 - Keyboard & Mouse: \$10.00
 - Mini Monitor: \$50
 - HDMI Cable \$8.40
 - PI project Kit \$23.00
 - Book: \$19.00
 - Cost ~ \$235.00 (reusable)

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- Optional Items:

SJB-STEM Storage Bin

- Storage Bins:
- \$33.00/12
- \$2.75 / each

