

PICMG 1.3 Full-Size & Half-Size
Single Board Computers

LEARN MORE



Portwell

VOICE RECOGNITION FEATURE

The Invention of Apple's Siri and Other Virtual Assistants

Many of our electronic devices are now able to listen in on, or even participate in, human conversations. Speech processing provides the foundation for these interactions today, but has been around much longer than you might think.

[Read more](#)



ADVERTISEMENT

IoT: Implications on Database Management

Data management - from embedded to IoT systems. Learn about new database management requirements to meet these new challenges.

Sponsored by **McObject**

DEVELOPMENT KITS NEWS

Infineon Releases Connected Home Security Evaluation Kit with

OPTIGA? Trust M for Raspberry Pi

With the kit, manufacturers and users can take advantage of Infineon's security hardware and Connected Home over IP standards, which are both being developed by the Zigbee Alliance. Based on the Raspberry Pi platform, the kit accelerates prototyping, which is paramount for IoT device manufacturers.

[Read more](#)

ADVERTISEMENT

The 2020 (Virtual) IoT Device Security Conference

Join cybersecurity experts from Google, Cisco, Arm, and more deliver hands-on tips, techniques, and best practices for locking down intelligent, connected devices. Register Now for Free.

Sponsored by **IAR Systems, Trusted Computing Group, Cypress**

SPONSORED EVENT

Cybersecurity for the Intelligent Edge

Join Wind River? Principal Security Architect Arlen Baker for a fast-paced look at how to bake cybersecurity into can't-fail devices and systems at the edge.

[View now](#)

ADVERTISEMENT

IoT Development Kit Guide

Help for embedded and Internet of Things (IoT) design engineers to efficiently identify evaluation kits for system prototyping.

Sponsored by **Digi-Key**

EMBEDDED SENSORS NEWS

Maxim Integrated's Health Sensor Platform 3.0 Reduces Development Time of Healthcare Wearables

The Health Sensor Platform 3.0 (HSP 3.0) announced by Maxim Integrated, also known as MAXREFDES104#, is a ready-to-wear wrist form factor reference design. Per the company, the device monitors blood oxygen saturation (SpO2), electrocardiogram (ECG), heart rate (HR), body temperature, and motion.

[Read more](#)

ADVERTISEMENT

Automotive Safety Using the IoT

Everfocus offers a series of products that specialize in active safety, each of which can be customized to support specific user needs and design criteria.

Sponsored by **Everfocus**

DEVELOPMENT KITS NEWS

Maxim Integrated Releases MAXREFDES117 IO-Link Reference Design

Maxim Integrated released the MAXREFDES117 IO-Link reference design.

The new development kit highlights the flexibility of the MAX22515 IO-Link transceiver, all while configuring all modes of the MAX2200 software-configurable analog IO.

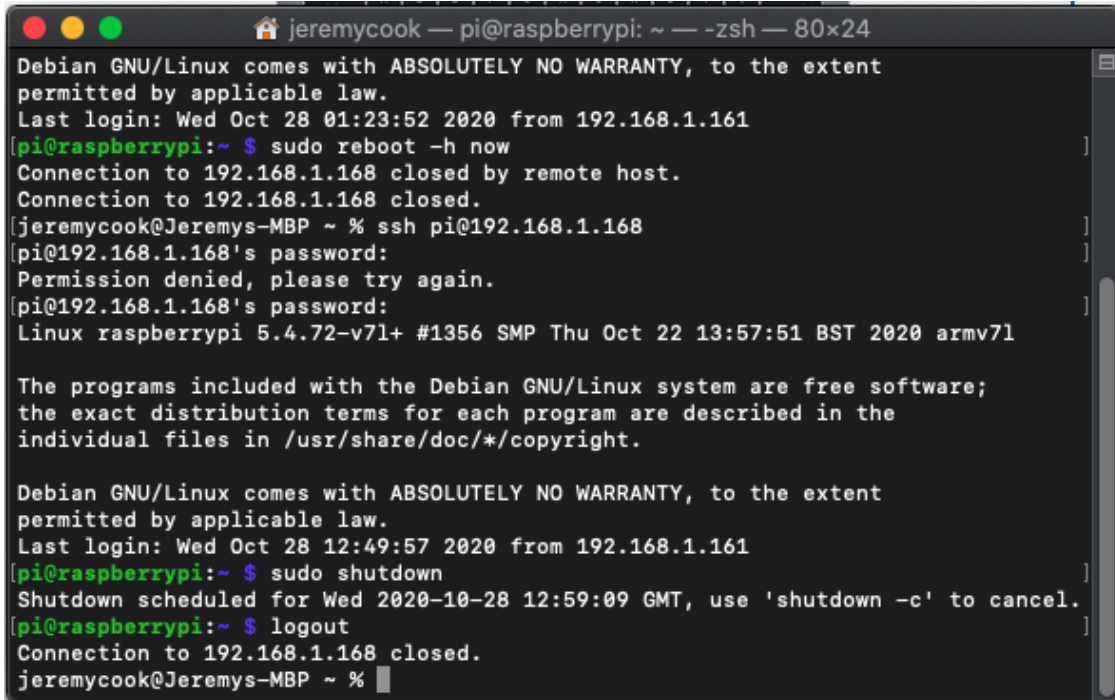
[Read more](#)

ENGINEERING FEATURE

Making the Switch to Macintosh as an Engineer

After setting up my father's 386 SX complete with a 'turbo' button that let it perform at 16 MHz many years ago, I've stuck with IBM/Microsoft, with the exception of a few forays into Linux. Even after some friends crossed over to Macintosh systems, noting how well they worked, I wrote these systems off as toys, not suitable for serious business or engineering work.

[Read More](#)



```
jeremycook — pi@raspberrypi: ~ — zsh — 80x24
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Oct 28 01:23:52 2020 from 192.168.1.161
[pi@raspberrypi:~ $ sudo reboot -h now
Connection to 192.168.1.168 closed by remote host.
Connection to 192.168.1.168 closed.
[jeremycook@Jeremys-MBP ~ % ssh pi@192.168.1.168
[pi@192.168.1.168's password:
Permission denied, please try again.
[pi@192.168.1.168's password:
Linux raspberrypi 5.4.72-v7l+ #1356 SMP Thu Oct 22 13:57:51 BST 2020 armv7l

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Oct 28 12:49:57 2020 from 192.168.1.161
[pi@raspberrypi:~ $ sudo shutdown
Shutdown scheduled for Wed 2020-10-28 12:59:09 GMT, use 'shutdown -c' to cancel.
[pi@raspberrypi:~ $ logout
Connection to 192.168.1.168 closed.
jeremycook@Jeremys-MBP ~ %
```

ADVERTISEMENT

The Virtual IoT Device Security Conference

Sponsored by IAR Systems, Trusted Computing Group, Cypress

Date: November 10; 11:00 a.m. ET, 2:00 p.m. ET, 4:00 p.m. ET

[REGISTER NOW](#)

Share



Contact us

View the latest

[Embedded Products](#) | [Embedded News](#)

View the latest news, articles, white papers, and blogs from our channels
IoT | Dev Tools & OS | Automotive | Industrial | Hardware | Networking | Processing | Storage