

Devices: PegLeg, ARM and Neousys

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- [PegLeg Biohackers Installed Raspberry Pis in Their Legs](#) [4]

This was probably just a matter of time, right? We do so many things with the Internet of things ? just about anything can be made into an IoT device, so why not a person? Why not turn a person into an IoT device?

A group of biohackers have installed Raspberry Pis under the skin in their legs. The PegLeg (you have to appreciate the name here) project is actually so far along it's already v2.

- [Pi-oT Raspberry Pi Add-on Board Targets Commercial & Industrial IoT Automation \(Crowdfunding\)](#) [5]

USA Based Startup Builds RPi Add-on Pi-oT, a Cleveland based startup has launched a Kickstarter campaign for a Raspberry Pi add-on for commercial and industrial IoT automation.

- [Arm Talks Up Their BFloat16 / BF16 Support For Upcoming Processors](#) [6]

With the next revision to ARMv8-A will come Neon and SVE vector instructions for select computations using the BFloat16 floating-point number format. For nearly the past year we have seen Intel prepping the Linux/open-source ecosystem for BFloat16 and its support with their upcoming Cooperlake support for BF16. It's looking now like Arm might beat AMD in to supporting BF16 on their processor designs.

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[Industrial computers feature with 9th or 8th Gen Coffee Lake](#) [7]

Neosys has launched a ?Nuvo-8208GC? edge AI PC and three variants of a ?Nuvo-7100VTC? automotive controller with 9th and 8th Gen Coffee Lake CPUs. It also added 9th Gen support to the 8th Gen ready Nuvo-7000 and Nuvo-7164GC.

Taiwan-based Neosys Technology announced support for Intel's 9th Generation Coffee Lake processors on six Nuvo-branded industrial computers, half of which were originally announced with 8th Gen Coffee Lake. The four systems covered here ? the Nuvo-8208GC, Nuvo-7100VTC, Nuvo-7200VTC, and Nuvo-7250VTC ? were announced in June and July and are still listed as ?coming soon.?

[Linux Hardware Gadgets](#)

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[4] <https://www.iottechtrends.com/pegleg-biohackers-raspberry-pis-legs/>

[5] <https://www.cnx-software.com/2019/08/31/pi-ot-raspberry-pi-add-on-commercial-industrial-iot-automation/>

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