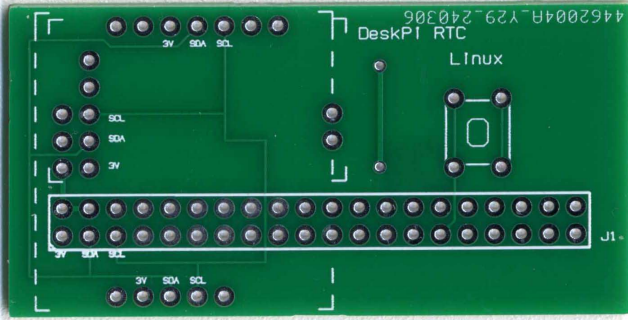# On show at Harrow 2024

RTC for DeskPi Mini (PiRO Qube)

The DeskPi does have an internal RTC but it is inaccessible to RISC OS. So here's a custom-built circuit board on which a RTC can be mounted.

I'll have some assembled boards on sale at Harrow for £16 (special show price), including rechargeable battery and RTC module. Also one kit which just requires soldering for £14.

Also on show at Harrow will be a Pinebook Pro with on-board WiFi.
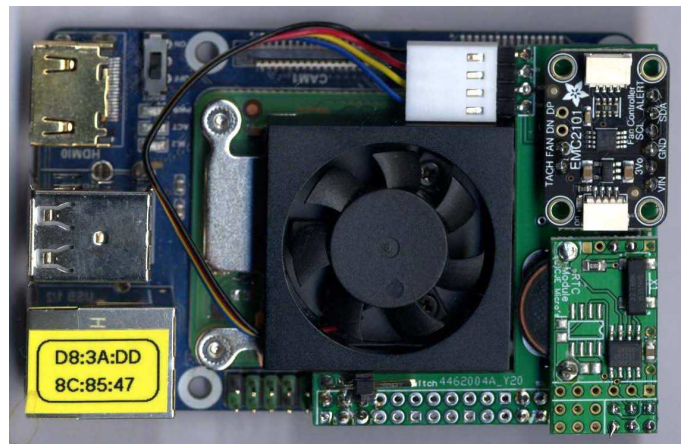

Left: the DeskPi Mini

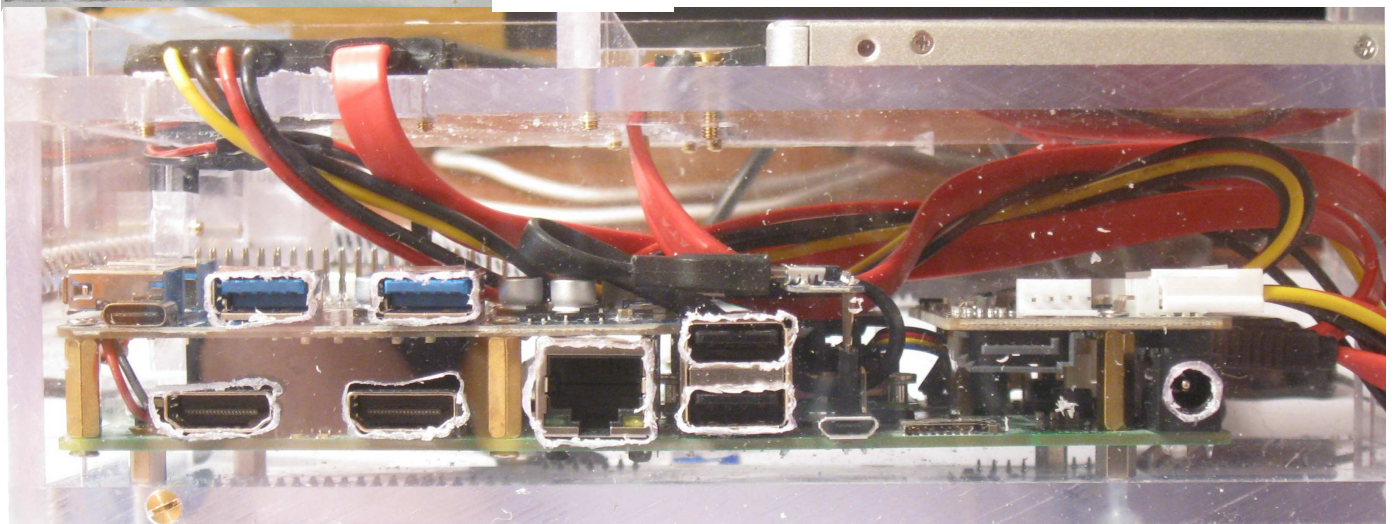*Below:* the Pi Foundation IO board with 'FAST' SATA storage.

Fastest machine

An announcement of the 'time trials' which include the latest drivers from R-Comp (NVMe), RISC OS Bits (NVMe and SATA) including both 512e and 4k sector size formatted discs was that it was a 'dead heat' - too close to call. For details see riscository or iconbar.

I promised to demonstrate the 'fastest' machine. I am therefore bringing several machines: a DeskPi Mini with 768GB RISC OS NVMe drive; a Pi Foundation 'FAST' SATA machine; and a Waveshare IO board with 512GB NVMe drive (these all use a CM4). Also on show is a Pinebook Pro.

Above: A Waveshare Mini-B IO board with fan and RTC. A switch fitted between pins 29 and 30 allows it to dual boot into Linux or into RISC OS: both use the Sabrent 512GB NVMe drive mounted

Here we have a Waveshare IO board with 4GB CM4 with eMMc, 4 USB sockets, 2 HDMI sockets, Ethernet socket, a Sabrent 512GB NVMe drive, connected securely using WiFi.

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