



A revolution in the use of single board computers, BitScope Designs launches new Blade for Raspberry Pi

Robust power and mounting solutions for industrial deployment of Raspberry Pi.

Sydney 23rd January 2017, BitScope Designs, developer and manufacturer of cost effective embedded mixed signal test, measurement and data acquisition systems, announces the global release of a new range of BitScope Blade available exclusively [via global distribution partner element14](#) and its associated resellers.

BitScope Blade is an infrastructure platform. It enables Raspberry Pi to be used to build reliable physical computing solutions for industrial, commercial and educational applications.

Bruce Tulloch, CEO of BitScope Designs, said: "Our experience working with hundreds industrial customers using BitScope with Raspberry Pi has demonstrated the key problem most of them faced was finding a cost effective, reliable and scalable power and mounting solution for Raspberry Pi and its accessories. BitScope Blade is our solution, customised specifically to the needs of our industrial, commercial and educational customers."

Each Blade is a compact motherboard that powers and mounts one or more Raspberry Pi in a robust, simple and scalable way. Blades are designed to build solutions ranging from small stand-alone servers, routers and workstations up to full size compute clusters, private clouds, and Industrial IoT, Edge and Fog computing systems.

BitScope Blades can be used with simple plug packs, a wide range of batteries, solar and other variable power sources, low cost uninterruptible power supplies and power over Ethernet solutions operating at up 48V. They may be used individually on the desktop, wall mounted or multiple Blades may be installed in racks for large scale deployment.

Blades offer access to Raspberry Pi I/O for displays, cameras, keyboards, expansion boards and peripherals including BitScopes, Raspberry Pi HATs and the Raspberry Pi 7" Touchscreen Display. BitScope Designs also publishes open source installers and software for managing embedded and cluster computing solutions built with BitScope Blade.

BitScope Blade is available in three editions:

- [BitScope Blade Uno](#) a flexible power and mounting solution for one Raspberry Pi and optional HAT. It is the perfect computing platform for makers, students and engineers using Raspberry Pi.
- [BitScope Blade Duo](#) is a desktop, rack or wall mountable power and mounting solution for a pair of Raspberry Pi, ideal for building reliable cost effective stand-alone desktop & server systems with Raspberry Pi.
- [BitScope Blade Quattro](#) is a desktop, rack or wall mountable power and mounting solution for four Raspberry Pi, ideal for creating compute clusters, private clouds or build farms with Raspberry Pi.

Claire Doyle, Global Head of Raspberry Pi and Single Board Computing for element14, said: “The BitScope Blade is a really exciting addition to our ecosystem of Raspberry Pi accessories as it increases potential to use the Raspberry Pi within new applications as well as providing power reliability required for industrial use. We work with an increasing number of start-ups designing-in the Raspberry Pi for commercial and industrial use. This new product has the potential to create a step-change in opportunities within the industrial sector, and facilitate a revolution in the use of single board computers within industry”

BitScope Designs builds embedded test, measurement and data acquisition solutions for Education, R&D and Industry. Developed in Australia with local and Chinese manufacture, BitScopes have been sold worldwide since the company was founded in 1998.

BitScope Blade is available from Farnell element14 in Europe, Newark element14 in North America and element14 in Asia Pacific. For more information visit the [element14 Community](#).

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