

# fischer elektronik

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## Pressemitteilung • Press releases • Communiqué de presse

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### Raspberry Pi case with additional space for HAT PCBs

The single-board computer Raspberry Pi is available in many different designs now. The market also leaves nothing to be desired when it comes to extensions. Fischer Elektronik is expanding its RSP case series portfolio for the Raspberry Pi with a high circuit board structure so that the Raspberry Pi and extensions such as HAT boards (**hardware attached on top**) can also be accommodated in the case.

The solid cases are made up of an upper and lower shell, each made of a punched and bent aluminum sheet with a material thickness of 1.5 mm. The respective circuit board is attached to four steel spacer bushes in the lower shell with the help of M 2.5 pan head screws. Quick access to the inside of the case is made possible by fastening the upper shell to the lower shell with just one screw and a special tongue and groove system on the front of the case. The assembly-friendly design allows easy access to the GPIO pins of the Raspberry Pi. The new case series and its high internal structure allow several HAT boards to be stacked in the case. The microSD card slot is accessed from the outside so that it is not necessary to open the case.

The integrated ventilation slots in the upper and lower shell ensure good heat dissipation, which is particularly advantageous when using additional electronics in the case. Furthermore this ensures natural convection or heat exchange with the environment. For special mechanical adjustments or customer-specific requirements Fischer Elektronik also offers **an extensive processing portfolio**.

**Depending on the requirements and application all RSP cases can be equipped with non-slip, single-sided adhesive, transparent device feet.** If wall mounting is required by the customer, optional mounting brackets can be selected. In addition, an adapted standard monitor bracket in accordance with VESA MIS-D 75 x 75 and a top-hat rail mounting must also be selected and ordered.

**A decorative appearance of the RSP ... case series is achieved through anodized surfaces.** The cases are completely anodised in natural color (ME) or black (SA). Case designs in contrasting colours are given by further standard anodised colours in blue (similar to **RAL 5015**), red (similar to **RAL 3001**), orange gold (similar to **RAL 1028**), green (similar to **RAL 6032**) and violet (similar to **RAL 4008**), whereas the respective lower shell is made in black.

The scope of delivery of the case includes the upper and lower shell, screws for fastening the circuit board and for fixing the upper shell, four non-slip device feet that are adhesive on one side. Further optional equipment features are provided by two fastening straps, a monitor bracket and a top-hat rail mounting.

Please contact us, for further information and inquiries the product experts of Fischer Elektronik GmbH & Co. KG are pleased to be at your disposal, also at [www.fischerelektronik.de](http://www.fischerelektronik.de).

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