Raspberry Pi 500

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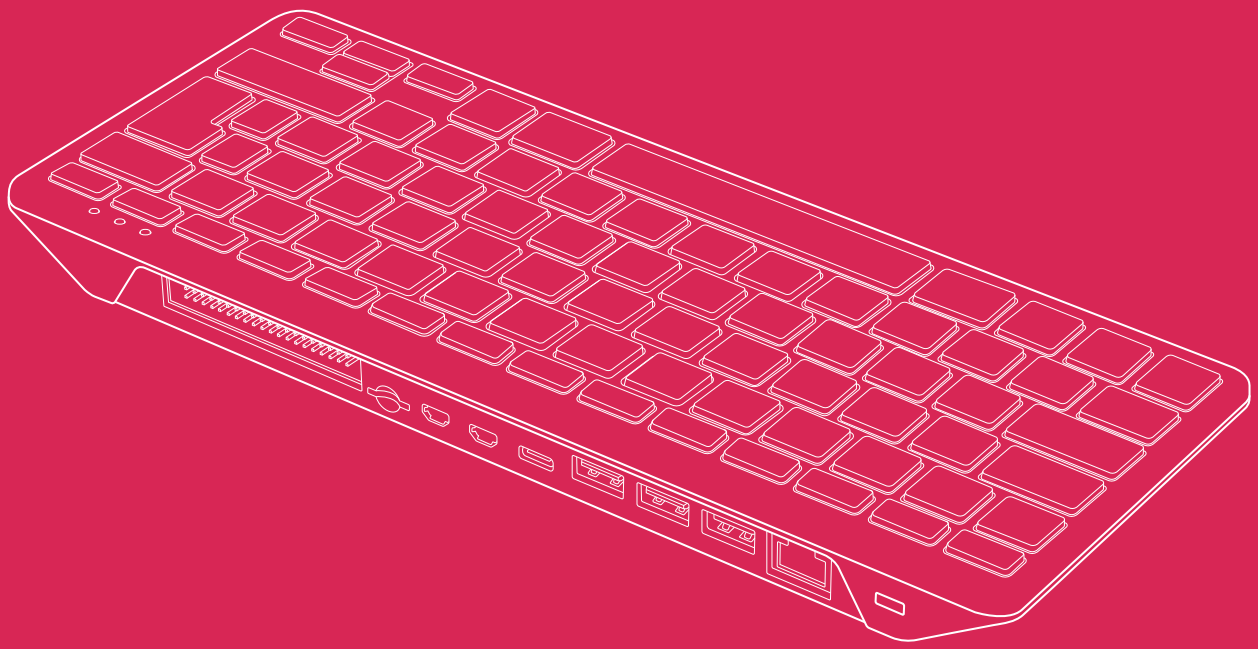


Raspberry Pi Ltd

Overview

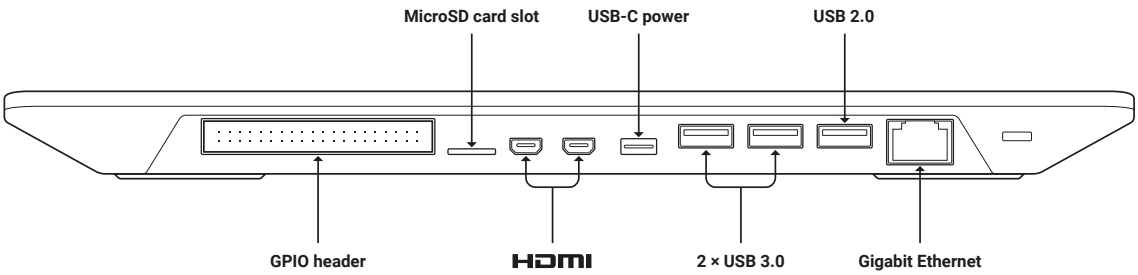
Featuring a quad-core 64-bit processor, wireless networking, dual-display output and 4K video playback, Raspberry Pi 500 is a complete personal computer, built into a compact keyboard.

Raspberry Pi 500 is ideal for surfing the web, creating and editing documents, watching videos, and learning to program using the Raspberry Pi OS desktop environment.

Raspberry Pi 500 is available in a number of different regional variants and as either a computer kit, containing everything you need to get started (except for a TV or monitor), or a computer unit only.

Specification

Processor:	Broadcom BCM2711 quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.8GHz
Memory:	4GB LPDDR4-3200
Connectivity:	• Dual-band (2.4GHz and 5.0GHz) IEEE 802.11b/g/n/ac wireless LAN, Bluetooth 5.0, BLE • Gigabit Ethernet • 2 × USB 3.0 and 1 × USB 2.0 ports
GPIO:	Horizontal 40-pin GPIO header
Video & sound:	2 × micro HDMI ports (supports up to 4Kp60)
Multimedia:	H.265 (4Kp60 decode); H.264 (1080p60 decode, 1080p30 encode); OpenGL ES 3.0 graphics
SD card support:	MicroSD card slot for operating system and data storage
Keyboard:	78-, 79- or 83-key compact keyboard (depending on regional variant)
Power:	5V DC via USB connector
Operating temperature:	0°C to +50°C
Dimensions:	286 mm × 122 mm × 23 mm (maximum)
Compliance:	For a full list of local and regional product approvals, please visit pip.raspberrypi.com



Keyboard print layouts

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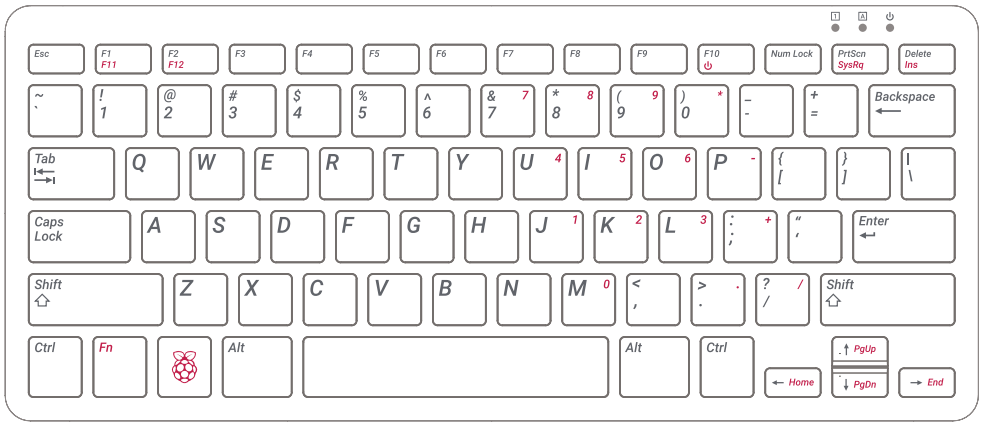

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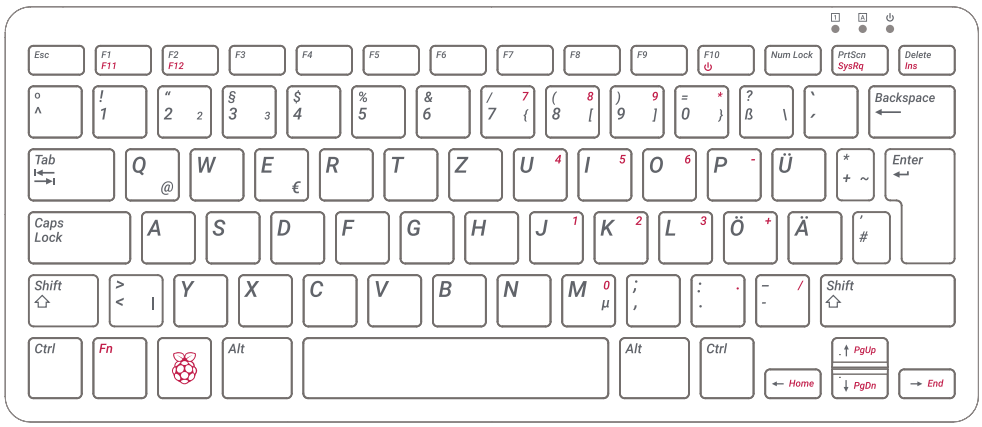

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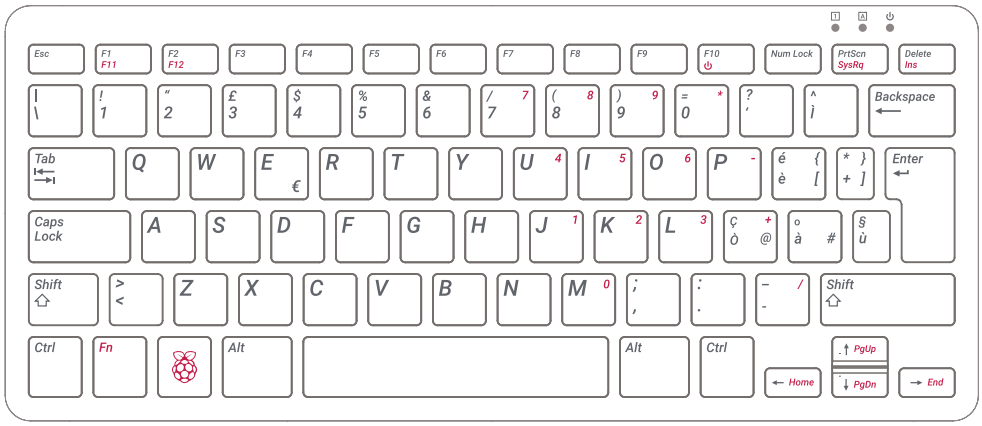
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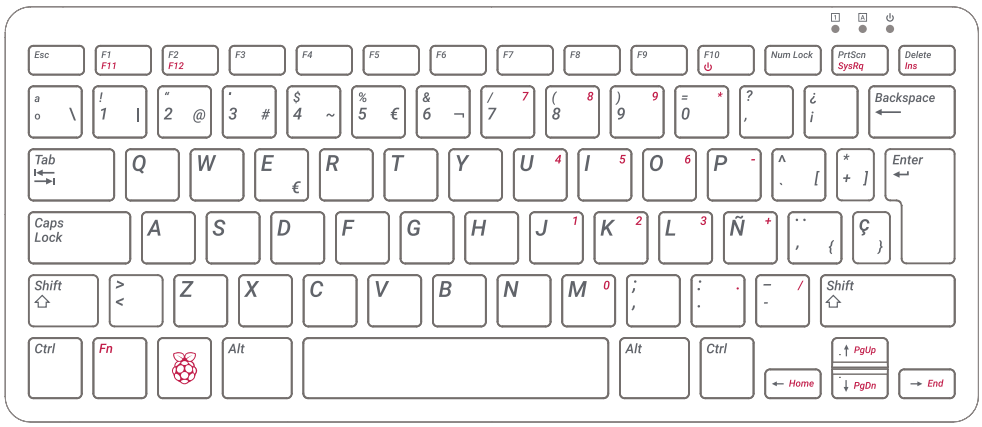
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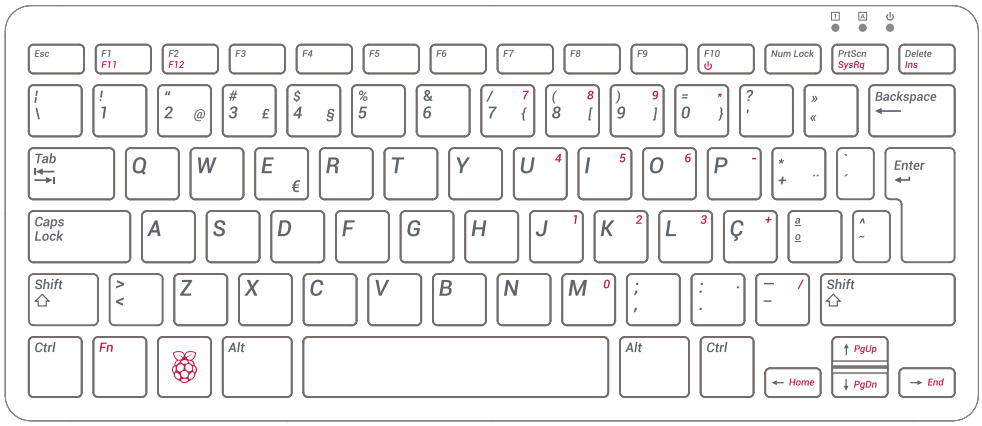
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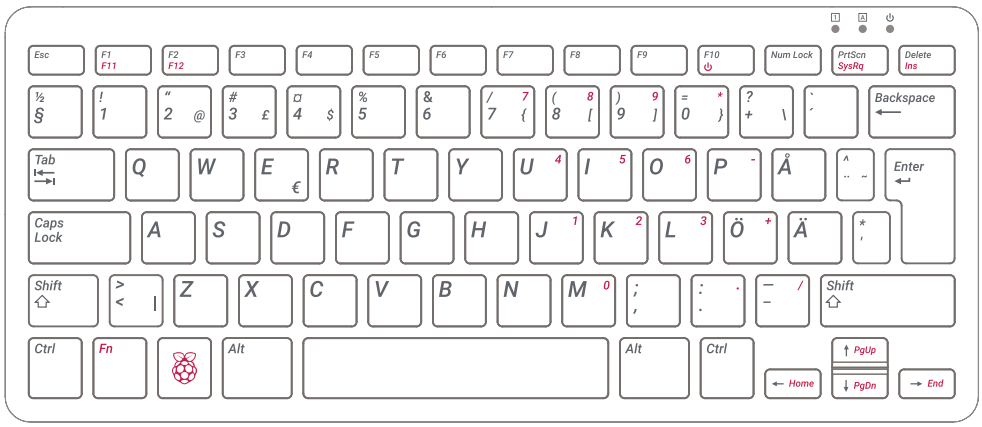
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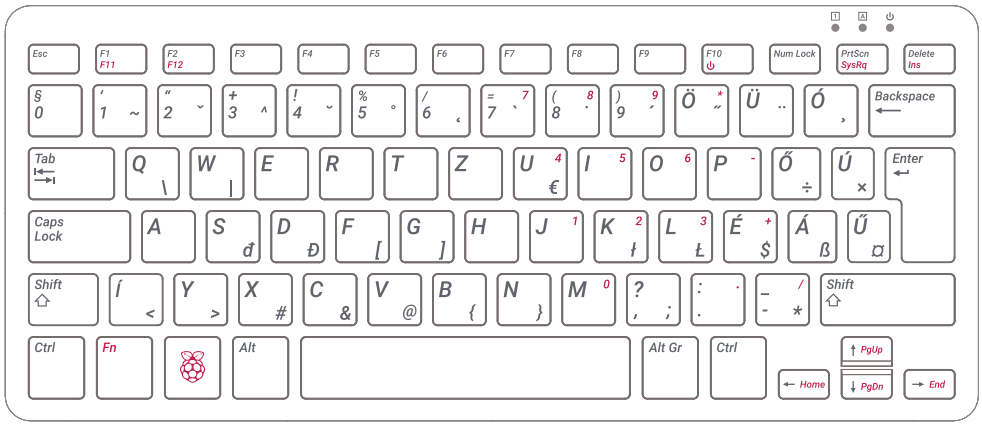
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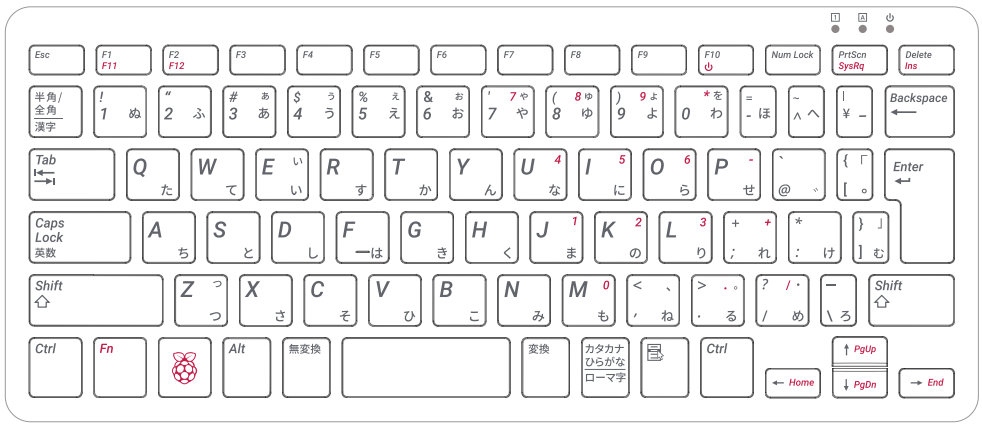
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WARNINGS

- Any external power supply used with Raspberry Pi 400 shall comply with relevant regulations and standards applicable in the country of intended use.
- This product should be operated in a well-ventilated environment and should not be covered when being operated.
- The connection of incompatible devices to Raspberry Pi 400 may affect compliance, result in damage to the unit, and invalidate the warranty.
- There are no user-serviceable parts inside Raspberry Pi 400, and opening the unit is likely to damage the product and invalidate the warranty.
- All peripherals used with this product should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include, but are not limited to, mice, monitors and cables when used in conjunction with Raspberry Pi 400.
- The cables and connectors of all peripherals used with this product must have adequate insulation so that relevant safety requirements are met.
- Prolonged exposure to direct sunlight may cause discoloration.

  This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

  —Reorient or relocate the receiving antenna.

  —Increase the separation between the equipment and receiver.

  —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

  —Consult the dealer or an experienced radio/TV technician for help.
- This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :(1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SAFETY INSTRUCTIONS

To avoid malfunction or damage to this product, please observe the following:

- Do not expose to water or moisture whilst in operation.
- Do not expose to heat from any source; Raspberry Pi 400 is designed for reliable operation at normal ambient temperatures.
- Take care whilst handling to avoid mechanical or electrical damage to the computer.