

Small computers

Micromodules

Model: M100RL
Computer

This pocket-sized computer can be used for browsing the Internet, controlling processes or running high resolution video displays. Using the LINUX Operating System, regular PC keyboard and mouse, and an HDMI or DVI display, it's low-cost and power make it the perfect vehicle for many applications.



Computer only: \$ 149.99
Computer, power supply and flash card with Raspbian (LINUX) installed

Computer kit: \$ 169.99
Computer, power supply, keyboard and mouse, flash card with Raspbian (LINUX) installed

Features:

- Small form factor, low power consumption
- Boots from Micro SD card into a user-friendly GUI
- Uses Linux and includes a Web browser
- Windows users can run the GUI without instructions
- Expansion ports included - USB, sound and Ethernet
- 512MB SDRAM onboard
- Popular ARM11 CPU running at 700 MHz.
- Dual Core VideoCore IV® Multimedia CoProcessor

What's in the box?

- Micromodules M100RL computer
- Power supply (2A) and cord (UL listed)
- Micro SD card with Raspbian (like LINUX)
- More accessories and packaged kits - see price list

What you need to run it:

- Keyboard & Mouse (get with computer kit, above)
- DVI or HDMI monitor or TV with appropriate cable
- Speakers if sound is needed and if monitor has none)

Specifications:

Size: 105mm x 75mm x 35mm (4.1" x 2.9" x 1.4")

Front panel details:

1. Micro SD flash module slot: Raspbian O/S installed.
2. LED indicators: Power LED on the left is red, and indicates that 5V power is applied. It will turn off if the 5V power becomes too low to operate the computer. The activity LED on the right is green, and is on when the micro SD card is accessed.

Rear panel details:

1. Ethernet port, 10/100 Base-T, RJ-45 connector
2. Accessories connect: via 4 x USB 2.0 ports

Left side details:

1. Power: Micro USB socket 5V at 2A max.
2. Video output: Full size HDMI jack (rev 1.3 & 1.4) including sound, resolution from 800 x 600 to 1920 x 1200 including 1080p supported by hardware.
3. Video output: Composite video is available through the audio output jack - requires special cable - see price list
4. Sound output: 3.5mm stereo jack (for headphones or PC compatible speakers)

M100RL Computer, various views to illustrate external connections and indicators



Side view: Power, Video & Audio out



Front View: Status Lights & μSD slot



Rear view: Ethernet and USB Ports

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