There is another advantage to setting up Melissa by cloning the repository. You can install all the pip modules you have on your local system by entering the following command:

```
$ pip install -r requirements.txt --allow-external pywapi --allow-unverified
pywapi
```

If you are transferring Melissa from your local environment, you must export a list of the Python modules you have installed via pip. You can export all this information to a text file by entering the following commands on your terminal:

```
$ pip freeze > requirements.txt
$ cp profile.yaml.default profile.yaml
$ cp memory.db.default memory.db
```

Once you have successfully set up your development environment, open `profile.yaml` to customize the file and add details about yourself. Then you can shift your codebase to RPi and install the modules using the method described earlier. You should now be able to run Melissa on Raspbian. If you get any error messages, you may be missing a component. Try to debug Melissa using the error messages provided by Python's interpreter.

Adding New Components to the Raspberry Pi

You should add some components and accessories to your RPi to work with Melissa. First, you should purchase a case for the RPi. You can find cases on e-commerce web sites like Amazon. I bought a transparent case for my Raspberry Pi, as shown in Figure 9-4.

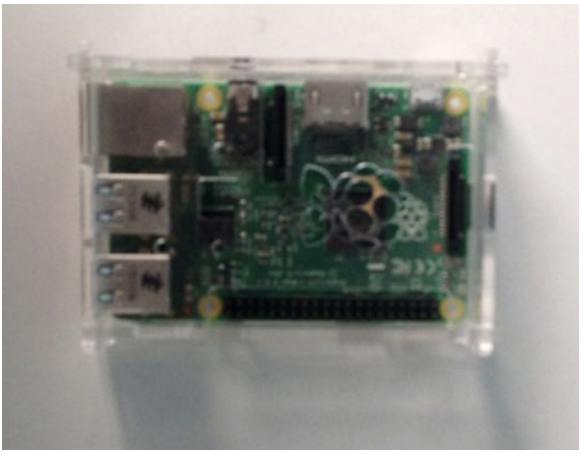

Figure 9-4. *Raspberry Pi with a transparent case*