

Open-Source SBCs

A single-board computer (SBC) is a complete computer built on a single circuit board, with microprocessor(s), memory, input/output (I/O) and other features required of a functional computer. There are various "open-source" SBCs available in the market viz. Arduino, BeagleBone, Raspberry Pi etc.

The talk will focus on what is OSH(Open Source Hardware) and discuss on the current state of the technology in the market. The challenges we have as compared to OSS(Open Source Software) and how we can solve them. It will also highlight the pros. & cons. of the popular SBCs available in the market, the various use domains and how one can choose between them depending upon the type of project he/she is working on.

Overall, it will give you a brief introduction to the world of open source SBCs and how we can pick one to suit our needs.