



Host computer



Configuration

- Configure network
- Generate configuration file
- Emulate behavior



Monitoring

- Monitor spike or waves
- Save spike or waves
- Send stimulation



software



hardware



KR260 Carrier board

K26 SOM

Processing system (PS)



Canonical Ubuntu 22.04

C++ Application

- Configure SNN from configuration file
- Control SNN
- Collect and export data

SNN HH

- Compute SNN neurons
- Detect spikes from waveforms
- Send spike activity
- Display waveforms

Programmable logic (PL)

