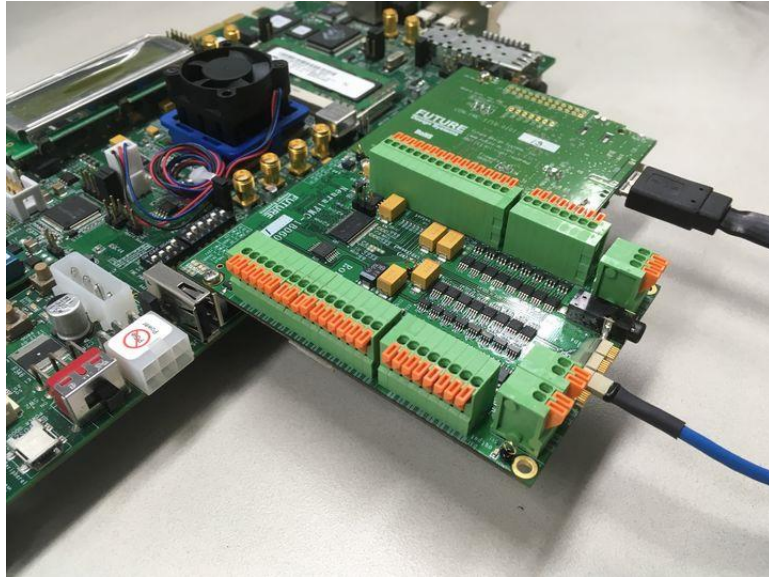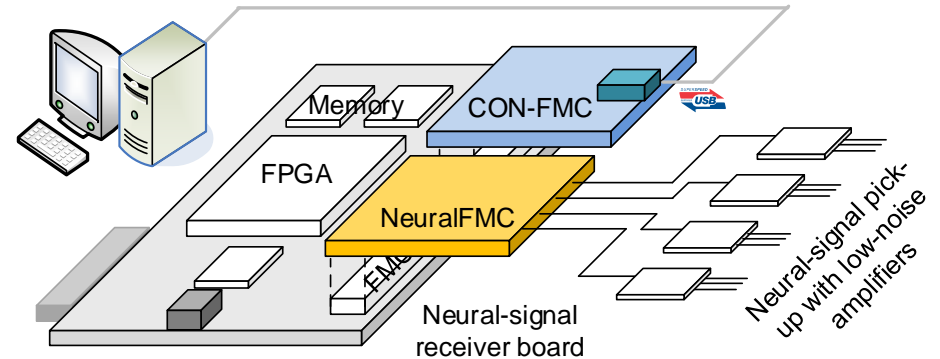# NeuralFMC™

NeuralFMC is an FMC board with four ports of Intan RHD2000 series module. NeuralFMC is compliant with the VITA 57.1 standard and can be mounted on FMC (LPC and HPC) and FMC+ (HPC+).

- VITA 57.1 FMC connector
- Up to four Intan RDH2000 ports
  - two Intan RHD2000 ports for FMC-LPC
  - four Intan RHD2000 ports for FMC-HPC
- Up to 8 analog output (-3.3~+3.3V)
- Up to 8 analog input (0~+3.3V)
- Up to 16 GPIO (3.3V)
- USB3.0 interface along with CON-FMC
  - SPI master controller RTL and C API
  - Support up to 25kSample/sec for 32 ADC channels