n-PRO concept

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Standard series pros

- The 'standard' nBlocks 33x43mm form factor can support
  - Both simple and complex use cases
  - Microprocessors from Low pin count 32 pins, to higher like 140 QFP or even higher BGA

Standard series cons

- Supporting professional development need larger pin count than 24 pins
- The two 12pin 2.54 pitch Connectors can't support modular or Scalable development
- Any not trivial use case can end-up to a mesh of cables and bad connections
- The missing link was a good quality dense and low profile connector

n-PRO

- Same board dimensions and mounting holes as the standard series
- 240 pins connectivity spread in Four Hirose DF30-series 60-pin low profile connectors
- Has backwards form factor compatibility
- Scalable integration in simple way
- Prototyping is Fast, Modular No cables, looks good
- Mirror connectors: To connect additional fucntionality like RF, Sensors etc.All the motherboards have these connectors.

Host and Peripheral concept

- CPU boards are HOST
- Sensor boards are peripheral
- DAP programming / mbed-enable boards are peripheral
- Development boards are Peripheral
- Application boards are Peripheral

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