

[Here](#) is a summary of FFT performance.

Full timings for all NAS VS IPL routines below:

[VS IPL Performance on Atom N270](#)

[VS IPL Performance on Xeon X5570](#)

### **AVX Optimisations and Case Studies:**

[VS IPL Benchmarks](#)

[AVX Performance Gain Study: SARMTI](#)

[Image Signal Processing Performance on 2nd Generation INTEL® CORE™ Microarchitecture](#)

### **AVX2 Optimisations**

[AVX2 VSIPL Benchmarks](#)

[AVX2 SARMTI Benchmarks](#)

[VSIPL AVX1 to AVX2 Comparison](#)