

# ISA-L vs. ISA-L-PC Performance

October 1, 2025

Measured on AMD Ryzen AI 9 HX 375

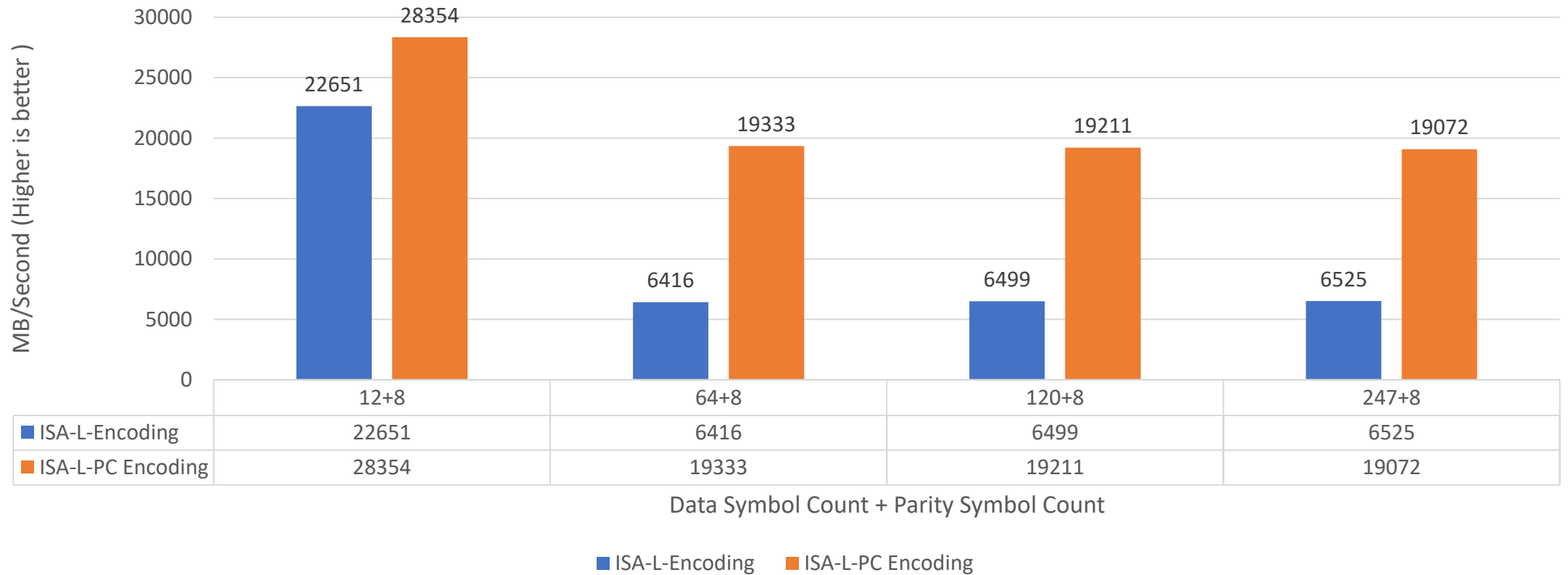
AVX512-GFNI

# ISA-L vs. ISA-L-PC

## Erasure Encoding Speed

### 8 Check Symbols

Measured with ISA-L BENCHMARK

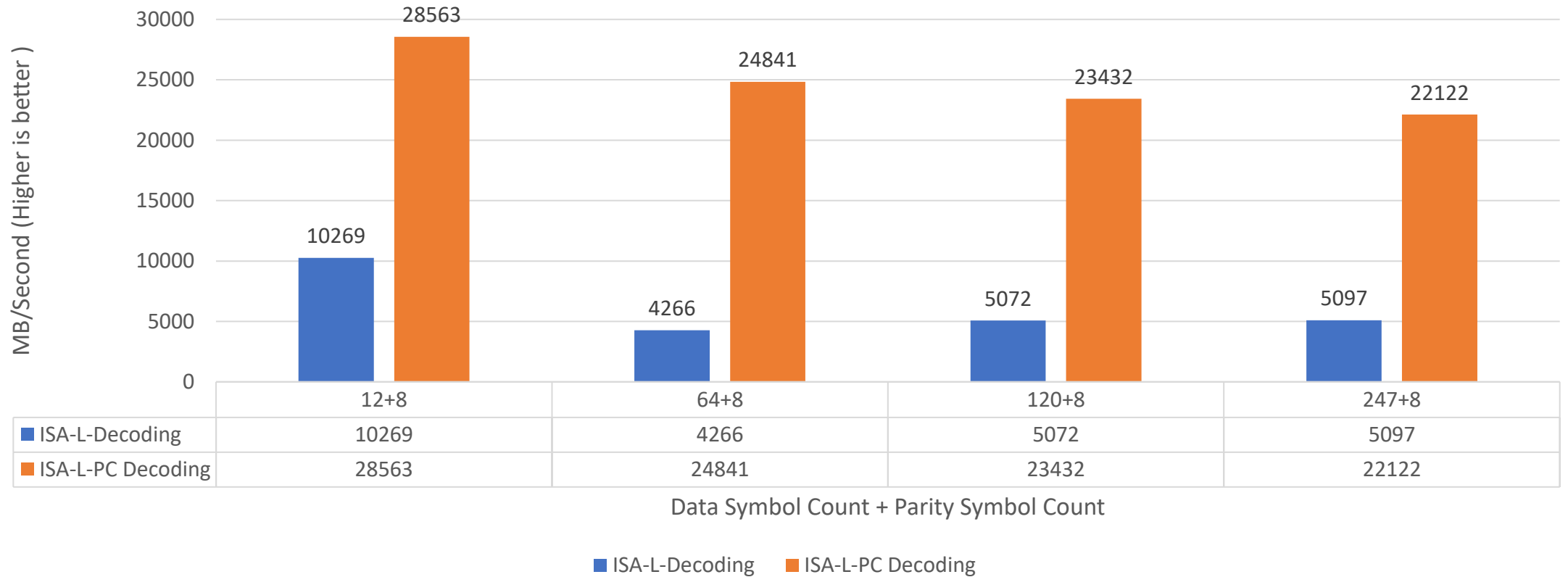


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## Error Decoding Speed

### 8 Check Symbols

Measured with ISA-L BENCHMARK

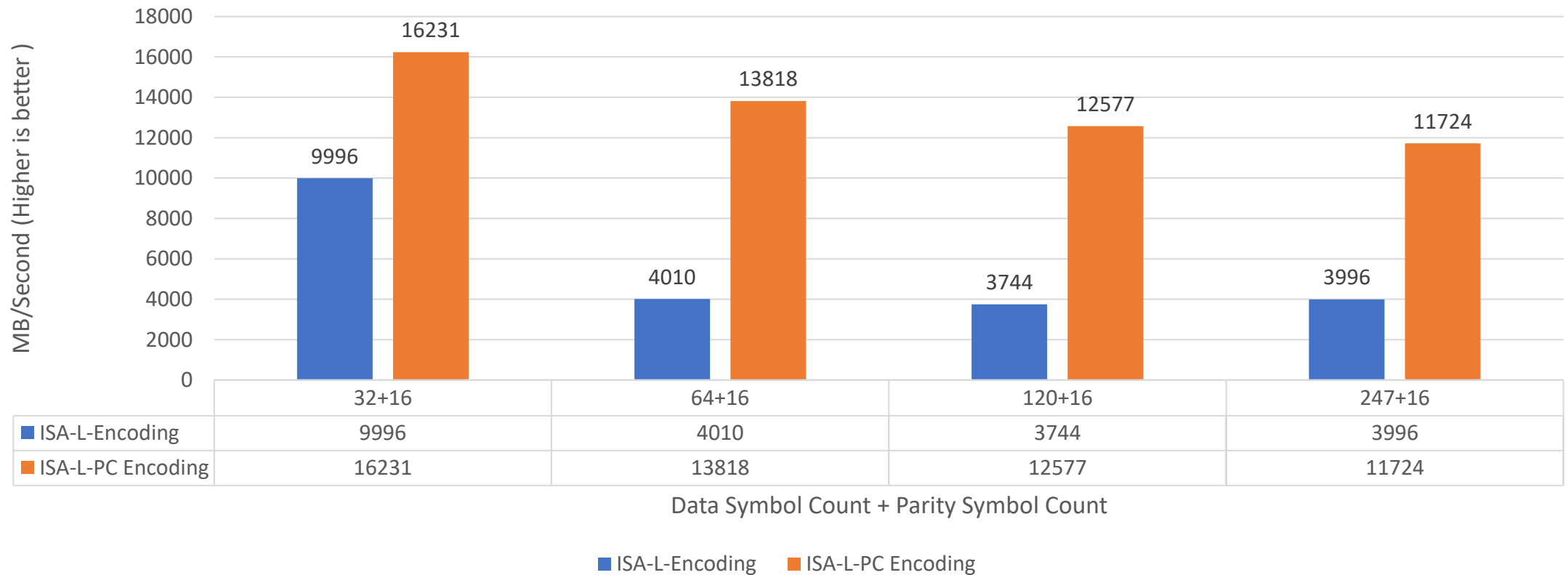


# ISA-L vs. ISA-L-PC

## Erasure Encoding Speed

### 16 Check Symbols

Measured with ISA-L BENCHMARK

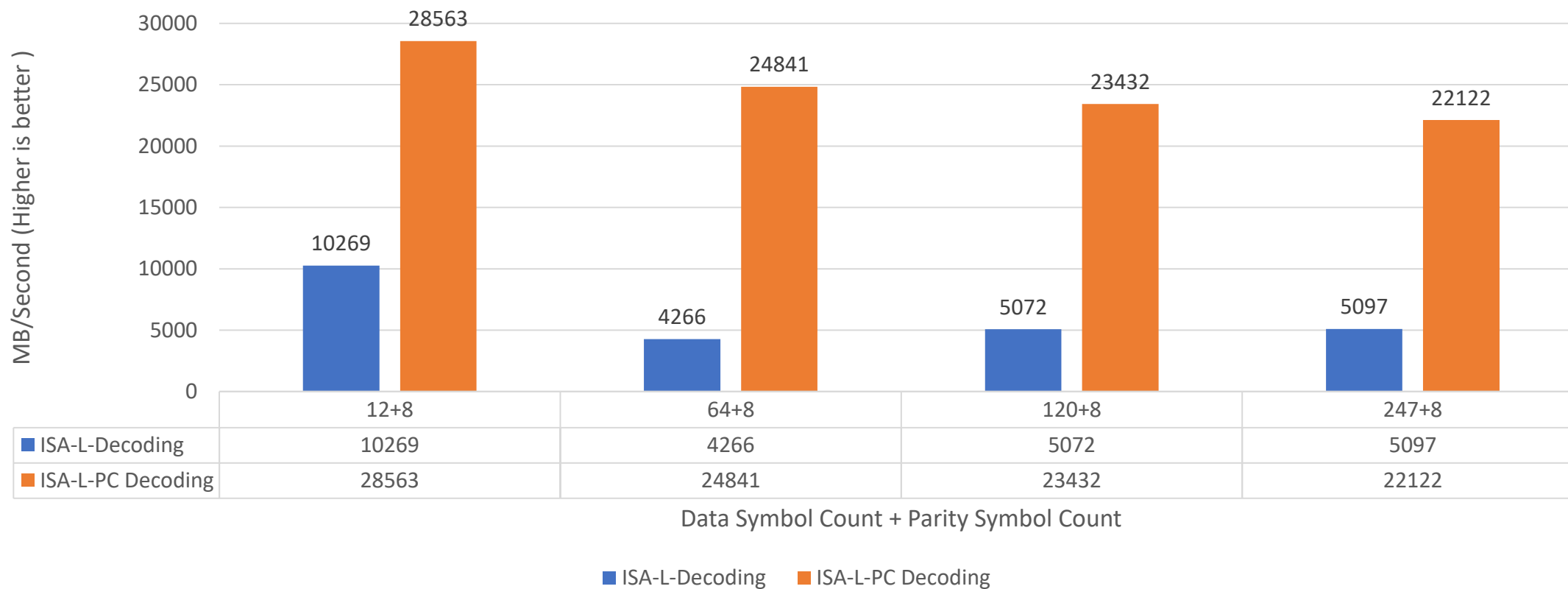


# ISA-L vs. ISA-L-PC

## Error Decoding Speed

### 16 Check Symbols

Measured with ISA-L BENCHMARK

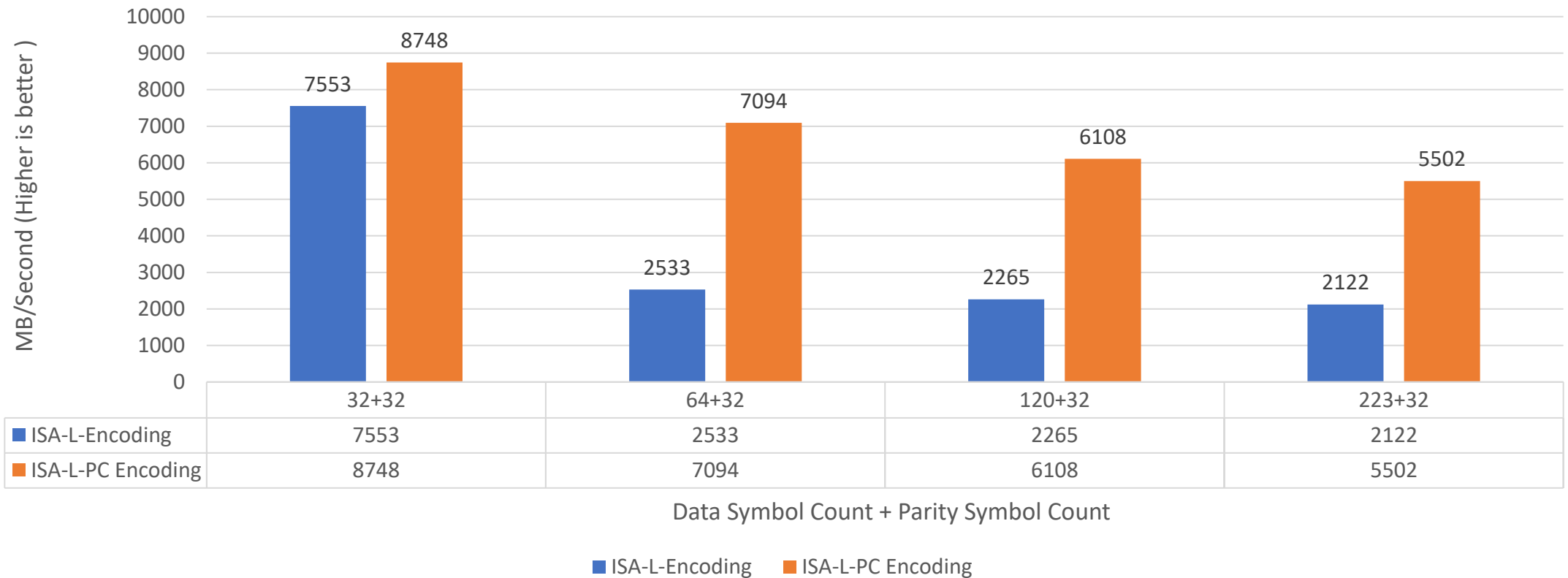


# ISA-L vs. ISA-L-PC

## Erasure Encoding Speed

### 32 Check Symbols

Measured with ISA-L BENCHMARK



# ISA-L vs. ISA-L-PC

## Error Decoding Speed

### 32 Check Symbols

Measured with ISA-L BENCHMARK

