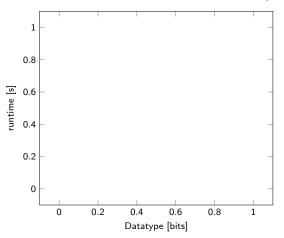
#### Sevarebench Measurement Results

MP-Slice Scalable Search

Various Measurements

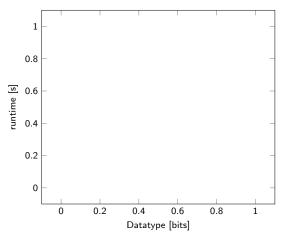
January 29, 2023

# MP-Slice Runtimes Datatype Fixed Input: 65536 -d d128 (SSE)



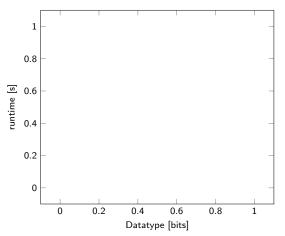
- Ref.Problem: Scalable Search
- Library: MP-Slice Fixed Input: 65536 -d d128 (SSE)
- Metric: Datatype runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits

# MP-Slice Runtimes Datatype Fixed Input: 65536 -d d128 (SSE)



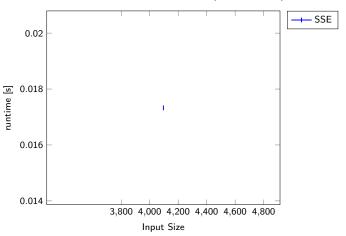
- Ref.Problem: Scalable Search
- Library: MP-Slice Fixed Input: 65536 -d d128 (SSE)
- Metric: Datatype runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1
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- Ref.Problem: Scalable Search
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- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
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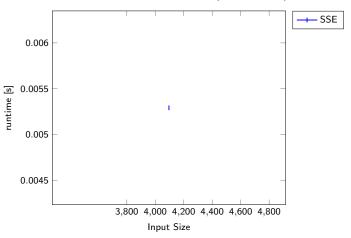
### MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



- Ref.Problem: Scalable Search
- Library: MP-Slice Protocol -s 4 (OEC DUP)
- Metric: Input Size runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits



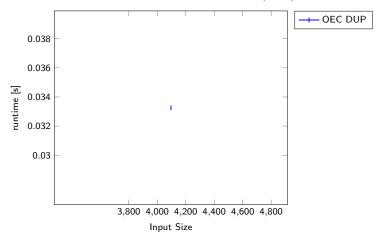
### MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



- Ref.Problem: Scalable Search
- Library: MP-Slice Protocol -s 4 (OEC DUP)
- Metric: Input Size runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits



# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)



Ref.Problem: Scalable Search

- Library: MP-Slice - Datatype -d d128 (SSE)

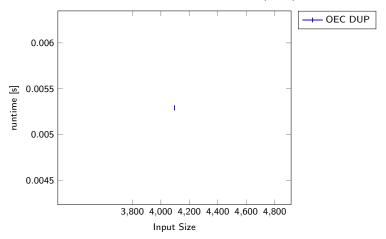
- Metric: Input Size - runtime

- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1

- Specs: 6312U(2.4GHz) 512GiB 25Gbits



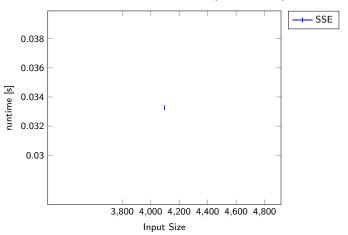
# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)



- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d128 (SSE)
- Metric: Input Size runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits



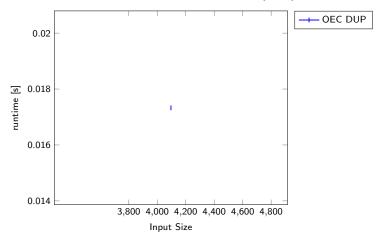
### MP-Slice Runtimes Input Size Protocol -s 4 (OEC DUP)



- Ref.Problem: Scalable Search
- Library: MP-Slice Protocol -s 4 (OEC DUP)
- Metric: Input Size runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits



# MP-Slice Runtimes Input Size Datatype -d d128 (SSE)



- Ref.Problem: Scalable Search
- Library: MP-Slice Datatype -d d128 (SSE)
- Metric: Input Size runtime
- Switches: Preprocessing: 1, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1
- Specs: 6312U(2.4GHz) 512GiB 25Gbits