

Sevarebench Measurement Results

MP-Slice Scalable Search

Various Measurements

April 1, 2023

Nodes : idex meld tinyman yieldly (Intel 6312U(2.4GHz) 512GiB 25Gbits)
Function: 0
Protocols: 1 2 ... 6
Datatypes : 8 64 128 256 512
Inputs : 1024 10240 102400
Preprocessing: 0
SplitRoles: 0 1 2
Pack Bool: 0
Optimized Sharing: 1
SSL: 0
Threads: 1
txBuffer: 0
rxBuffer: 0
Summary file : resultsMP-Slice/2023-04/01_06-26-29/Eslice-run-summary.dat
Total Experiment runtime : 1h40min10sec
Experiment run status: completed
Latex built date: 23.04.01 09:02

Experiment Networking Information

Speedtest Info

measured speed between nodes 1 and 2

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.81 Gbits/sec

total receiver speed: 24.78 Gbits/sec

measured speed between nodes 1 and 3

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.85 Gbits/sec

total receiver speed: 24.83 Gbits/sec

measured speed between nodes 2 and 3

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.84 Gbits/sec

total receiver speed: 24.81 Gbits/sec

measured speed between nodes 1 and 4

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.82 Gbits/sec

total receiver speed: 24.81 Gbits/sec

measured speed between nodes 2 and 4

Threads: 1

total sender speed: 24.8 Gbits/sec

total receiver speed: 24.8 Gbits/sec

Threads: 10

total sender speed: 24.81 Gbits/sec

total receiver speed: 24.79 Gbits/sec
measured speed between nodes 3 and 4
Threads: 1
total sender speed: 24.8 Gbits/sec
total receiver speed: 24.8 Gbits/sec
Threads: 10
total sender speed: 24.82 Gbits/sec
total receiver speed: 24.79 Gbits/sec

Latency Info

Node index statistics

— 10.10.126.3 ping statistics —

rtt min/avg/max/mdev = 0.259/0.315/0.478/0.082 ms

— 10.10.126.4 ping statistics —

rtt min/avg/max/mdev = 0.232/0.297/0.466/0.087 ms

— 10.10.126.5 ping statistics —

rtt min/avg/max/mdev = 0.254/0.269/0.289/0.011 ms

Node meld statistics

— 10.10.126.4 ping statistics —

rtt min/avg/max/mdev = 0.257/0.316/0.470/0.078 ms

— 10.10.126.5 ping statistics —

rtt min/avg/max/mdev = 0.268/0.340/0.565/0.113 ms

— 10.10.126.2 ping statistics —

rtt min/avg/max/mdev = 0.220/0.282/0.325/0.038 ms

Node tinyman statistics

— 10.10.126.5 ping statistics —

rtt min/avg/max/mdev = 0.246/0.323/0.558/0.118 ms

— 10.10.126.2 ping statistics —

rtt min/avg/max/mdev = 0.202/0.257/0.281/0.029 ms

— 10.10.126.3 ping statistics —

rtt min/avg/max/mdev = 0.250/0.284/0.309/0.020 ms

Node yieldly statistics

— 10.10.126.2 ping statistics —

rtt min/avg/max/mdev = 0.220/0.318/0.527/0.107 ms

— 10.10.126.3 ping statistics —

rtt min/avg/max/mdev = 0.258/0.299/0.313/0.020 ms

— 10.10.126.4 ping statistics —

rtt min/avg/max/mdev = 0.278/0.291/0.305/0.009 ms

Outline I

manipulations

```
ThreadsFixed Input: 102400 -d d512 (AVX512) pre0split0pack0opt1ssl0fun0
ThreadsFixed Input: 102400 -d d512 (AVX512) pre0split1pack0opt1ssl0fun0
ThreadsFixed Input: 102400 -d d512 (AVX512) pre0split2pack0opt1ssl0fun0
txBufferFixed Input: 102400 -d d512 (AVX512) pre0split0pack0opt1ssl0fun0
txBufferFixed Input: 102400 -d d512 (AVX512) pre0split1pack0opt1ssl0fun0
txBufferFixed Input: 102400 -d d512 (AVX512) pre0split2pack0opt1ssl0fun0
rxBufferFixed Input: 102400 -d d512 (AVX512) pre0split0pack0opt1ssl0fun0
rxBufferFixed Input: 102400 -d d512 (AVX512) pre0split1pack0opt1ssl0fun0
rxBufferFixed Input: 102400 -d d512 (AVX512) pre0split2pack0opt1ssl0fun0
Datatype Fixed Input: 102400 all (all) pre0split0pack0opt1ssl0fun0
Datatype Fixed Input: 102400 all (all) pre0split1pack0opt1ssl0fun0
Datatype Fixed Input: 102400 all (all) pre0split2pack0opt1ssl0fun0
```

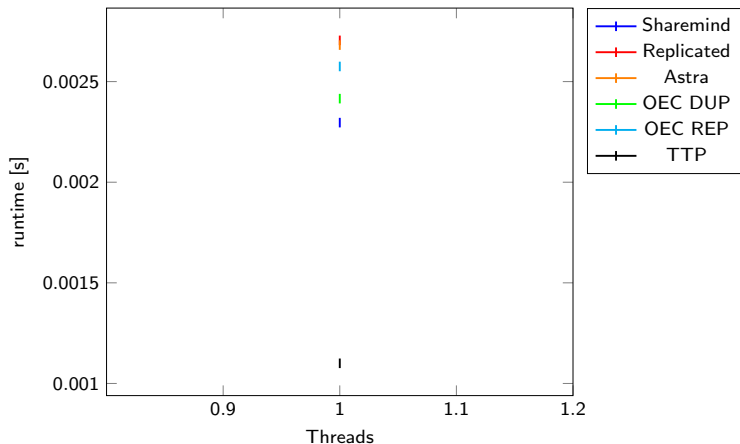
input

```
Input Size Protocol -s 1 (Sharemind) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 1 (Sharemind) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 1 (Sharemind) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 2 (Replicated) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 2 (Replicated) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 2 (Replicated) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 3 (Astra) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 3 (Astra) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 3 (Astra) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 4 (OEC DUP) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 4 (OEC DUP) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 4 (OEC DUP) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 5 (OEC REP) pre0split2pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split0pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split1pack0opt1ssl0fun0
Input Size Protocol -s 6 (TTP) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d8 (char) pre0split1pack0opt1ssl0fun0
```

Outline II

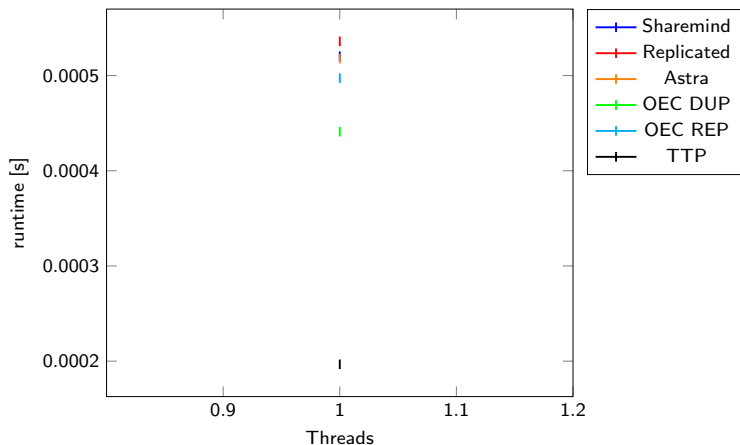
Input Size Datatype -d d8 (char) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d64 (uint64) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d128 (SSE) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d128 (SSE) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d128 (SSE) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d256 (AVX) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d256 (AVX) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d256 (AVX) pre0split2pack0opt1ssl0fun0
Input Size Datatype -d d512 (AVX512) pre0split0pack0opt1ssl0fun0
Input Size Datatype -d d512 (AVX512) pre0split1pack0opt1ssl0fun0
Input Size Datatype -d d512 (AVX512) pre0split2pack0opt1ssl0fun0

MP-Slice Runtimes ThreadsFixed Input: 102400 -d d512 (AVX512)



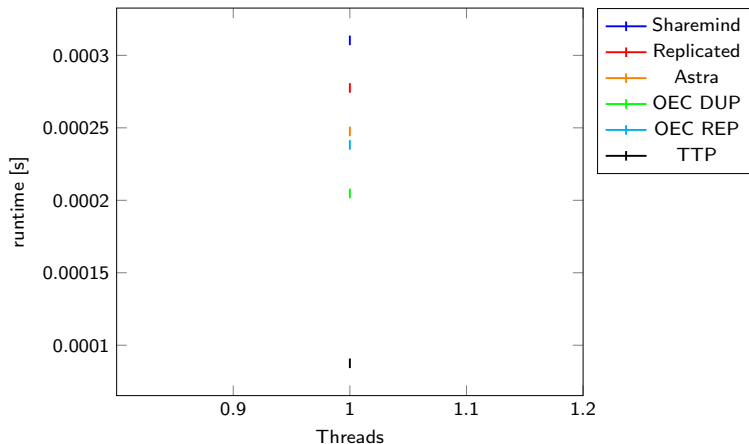
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: Threads - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes ThreadsFixed Input: 102400 -d d512 (AVX512)



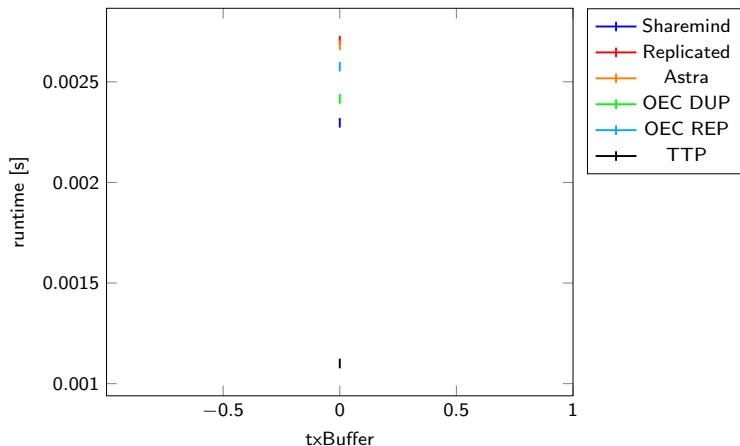
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: Threads - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes ThreadsFixed Input: 102400 -d d512 (AVX512)



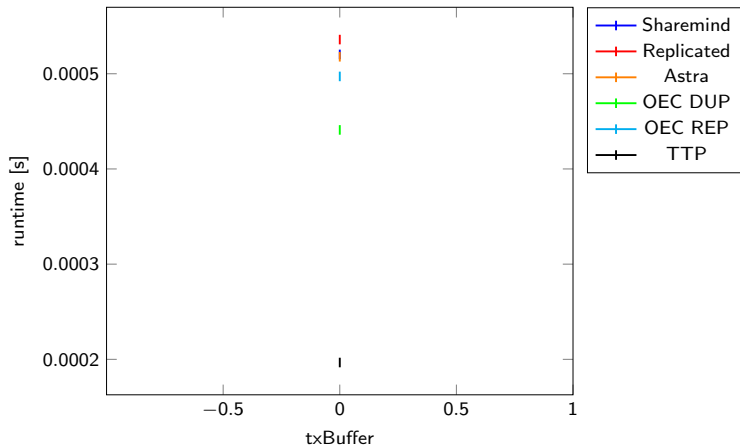
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: Threads - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes txBufferFixed Input: 102400 -d d512 (AVX512)



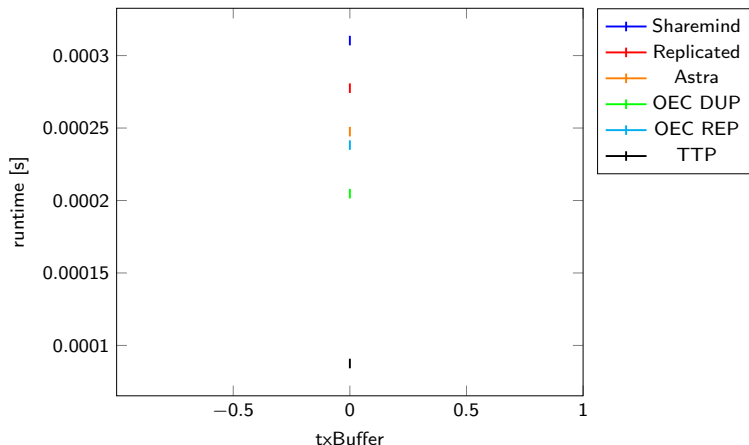
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: txBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes txBufferFixed Input: 102400 -d d512 (AVX512)



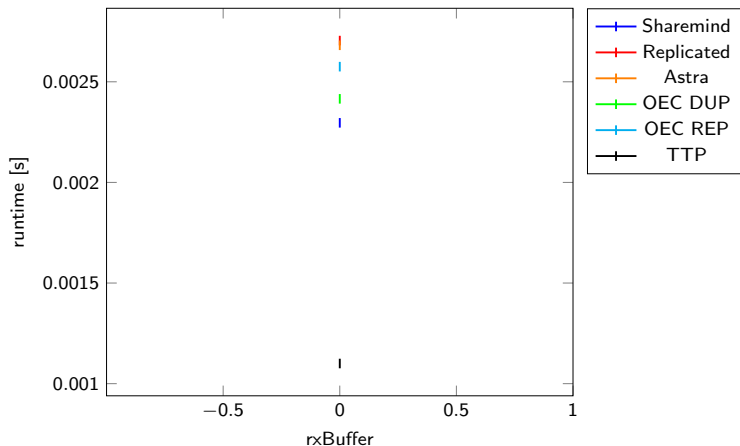
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: txBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes txBufferFixed Input: 102400 -d d512 (AVX512)



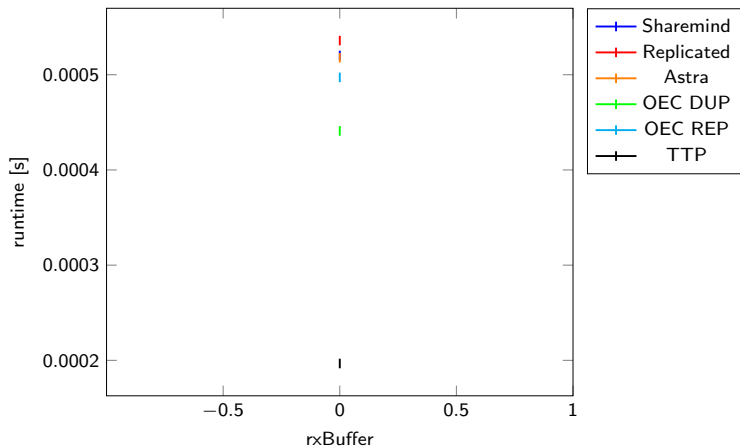
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: txBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes rxBufferFixed Input: 102400 -d d512 (AVX512)



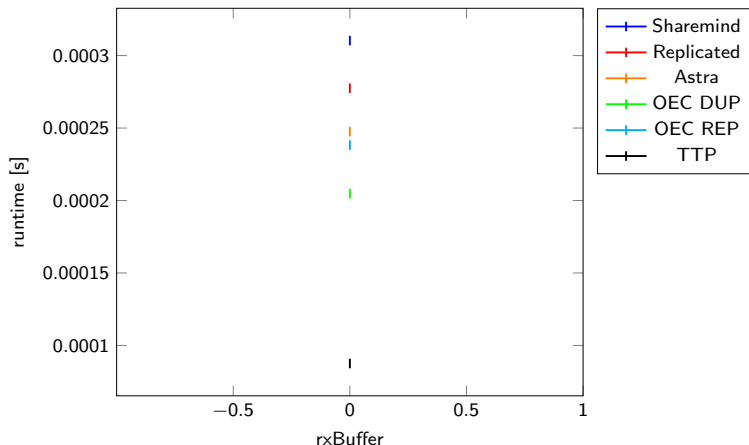
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: rxBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes rxBufferFixed Input: 102400 -d d512 (AVX512)



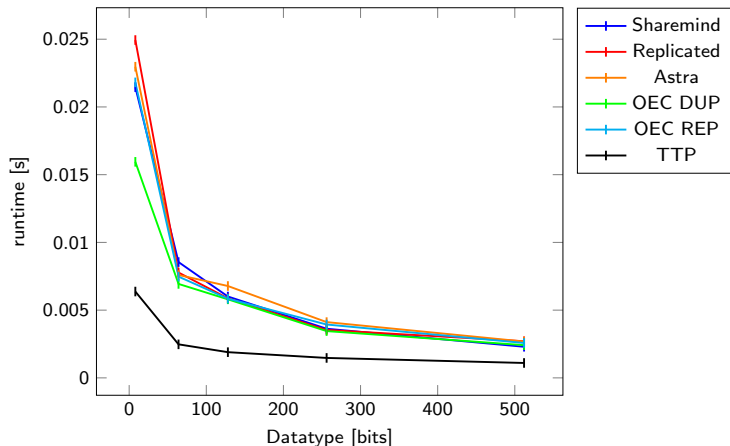
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: rxBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes rxBufferFixed Input: 102400 -d d512 (AVX512)



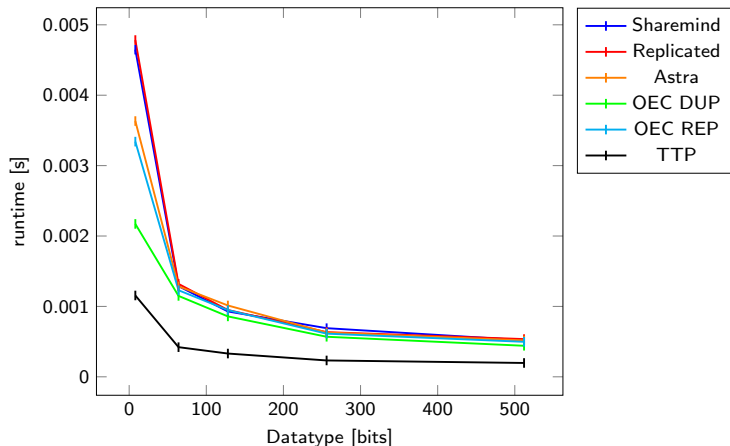
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 -d d512 (AVX512)
- Metric: rxBuffer - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)



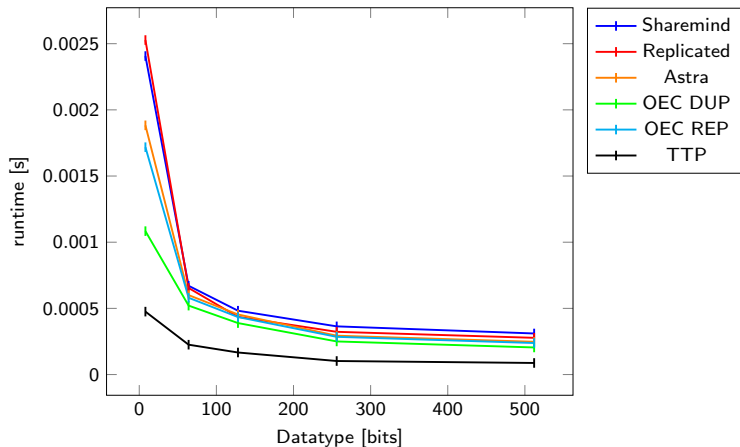
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 all (all)
- Metric: Datatype - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)



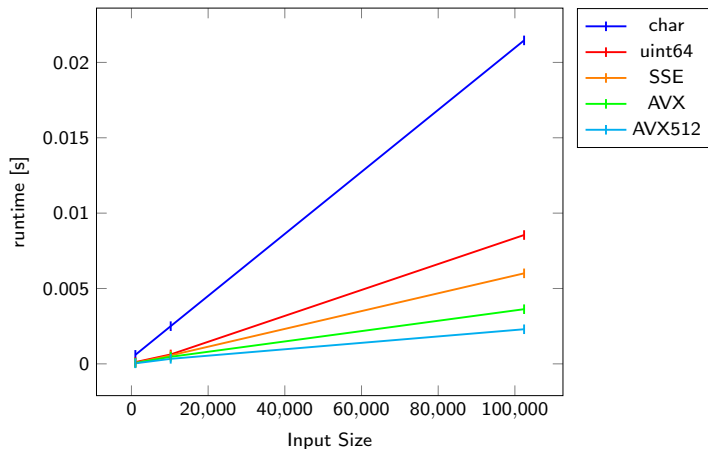
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 all (all)
- Metric: Datatype - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Datatype Fixed Input: 102400 all (all)



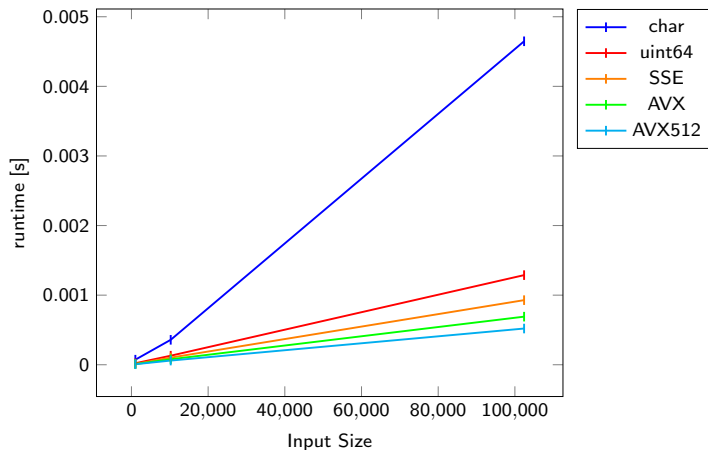
- Ref.Problem: Scalable Search
- Library: MP-Slice - Fixed Input: 102400 all (all)
- Metric: Datatype - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)



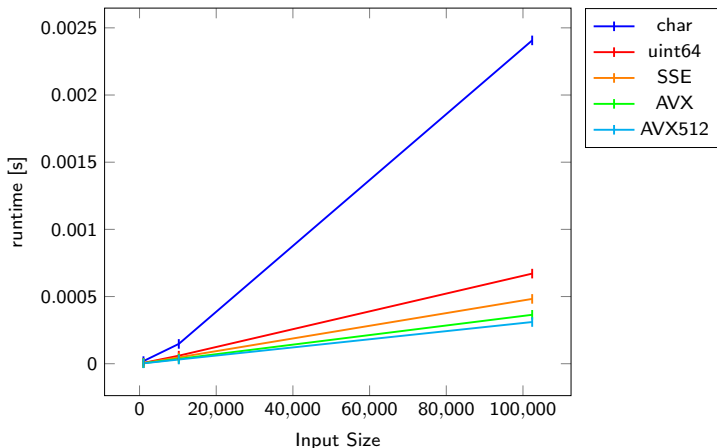
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)



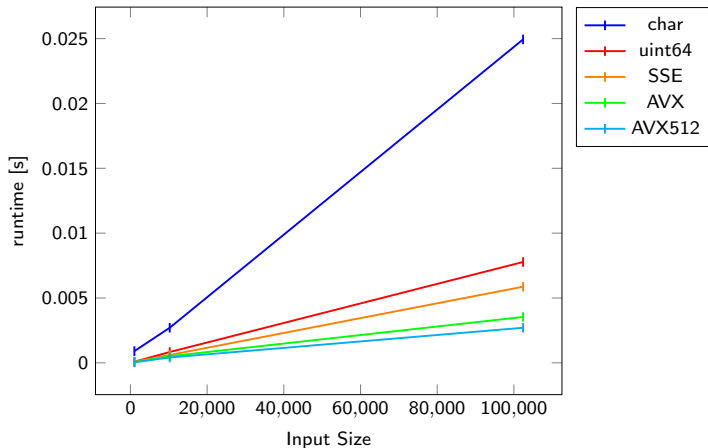
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 1 (Sharemind)



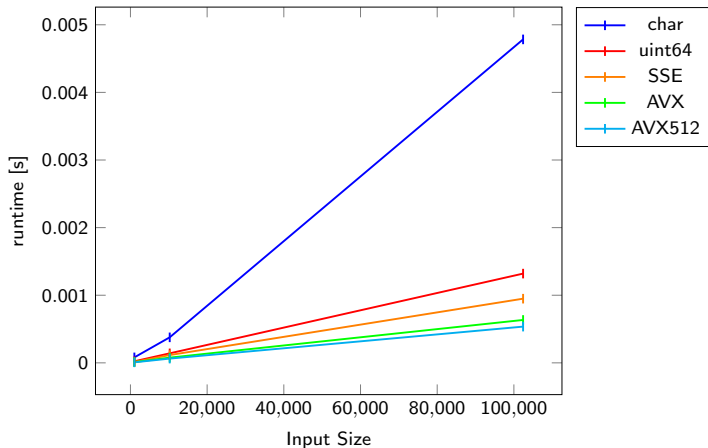
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 1 (Sharemind)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)



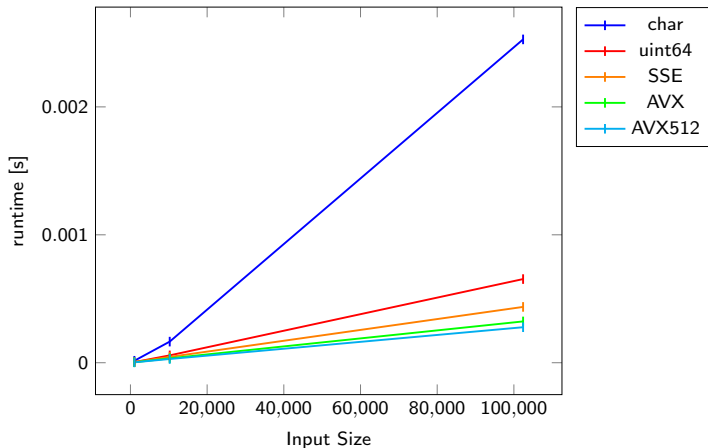
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)



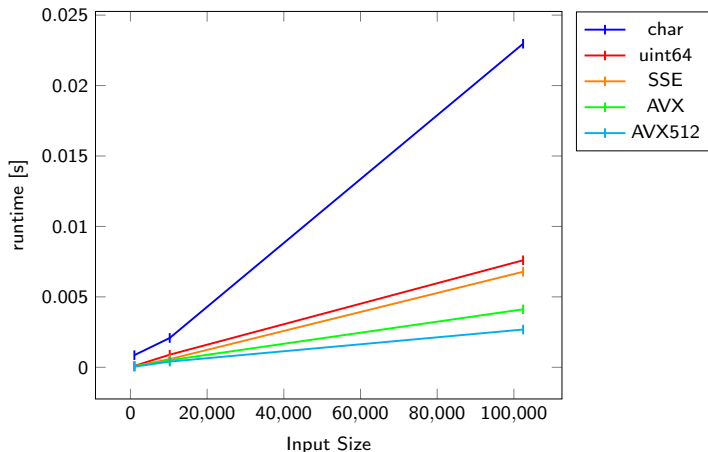
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 2 (Replicated)



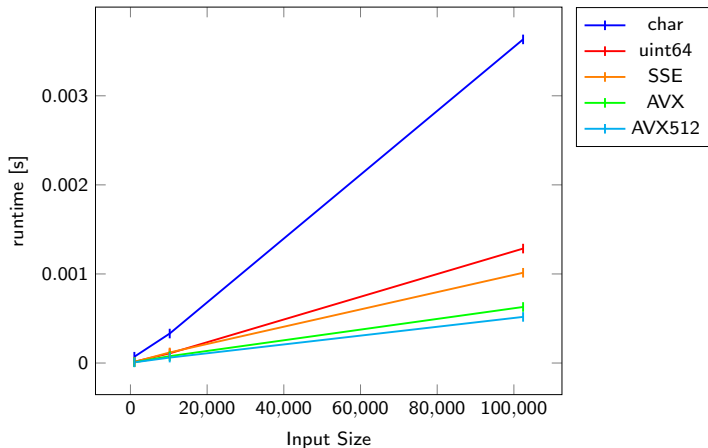
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 2 (Replicated)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 3 (Astra)



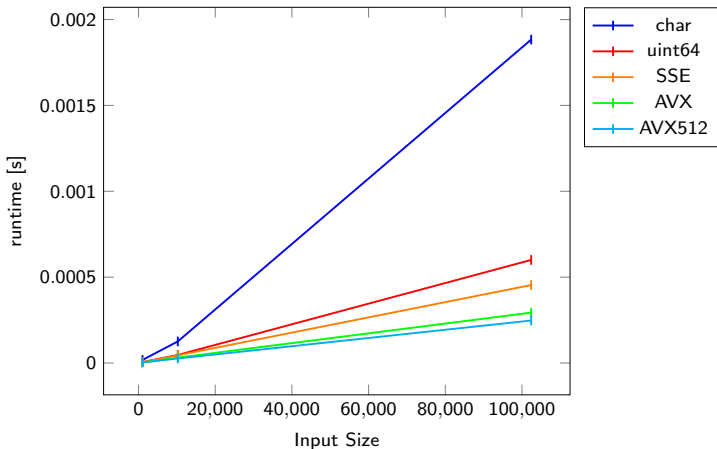
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 3 (Astra)



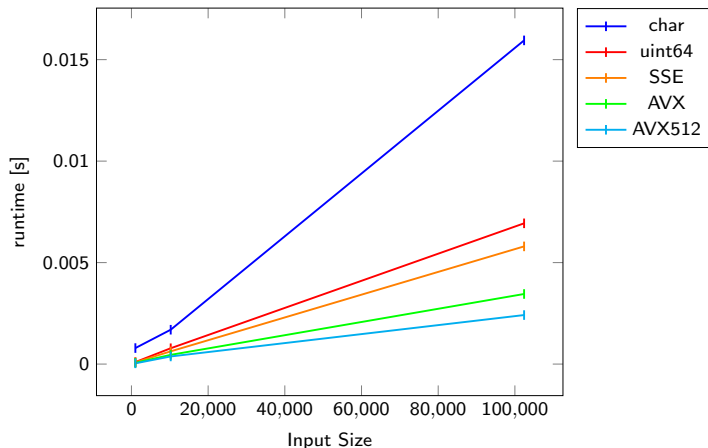
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 3 (Astra)



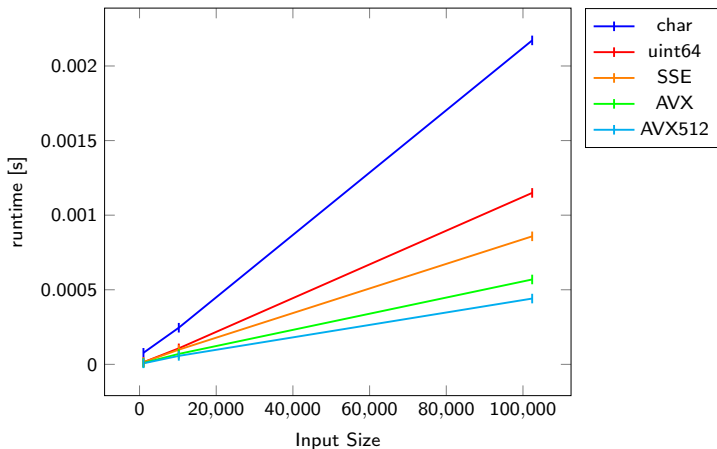
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 3 (Astra)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



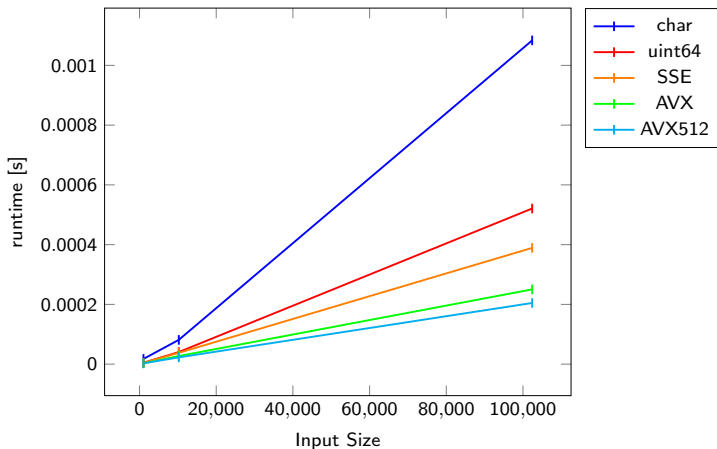
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



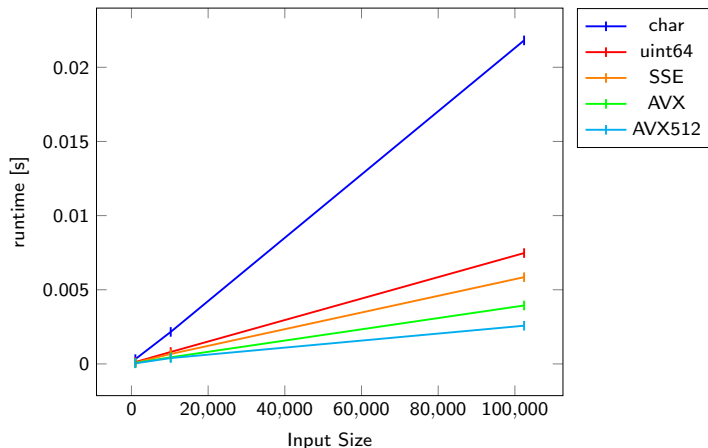
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



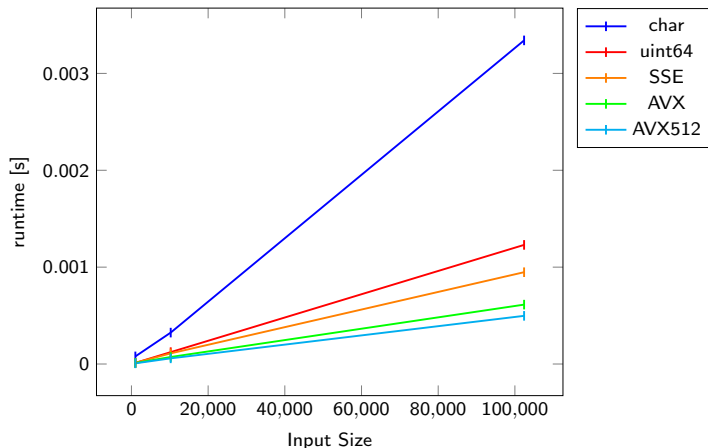
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 4 (OEC DUP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)



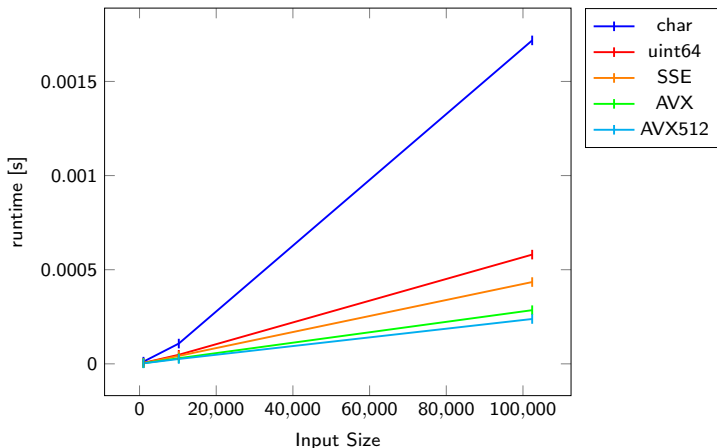
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)



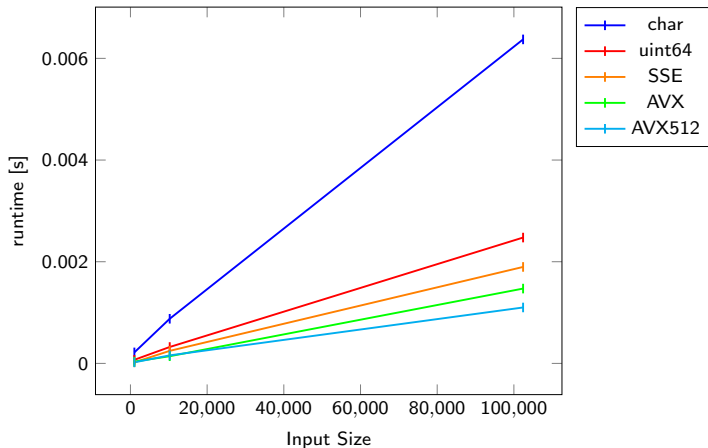
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 5 (OEC REP)



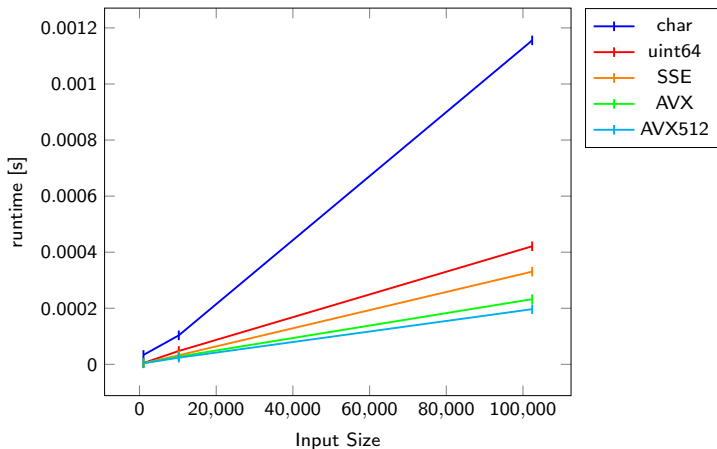
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 5 (OEC REP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 6 (TTP)



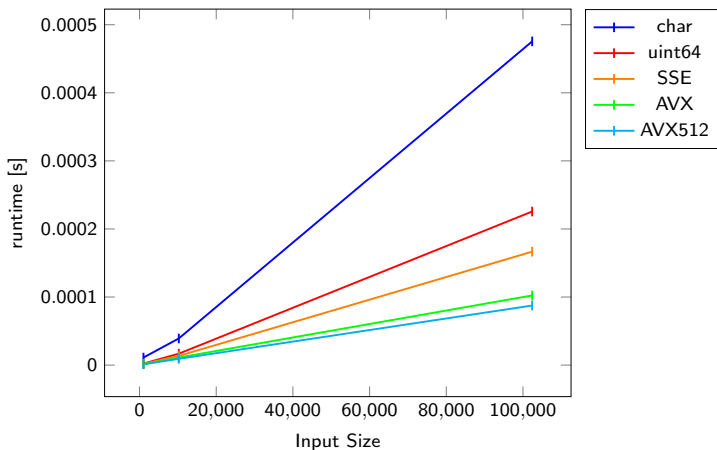
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 6 (TTP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 6 (TTP)



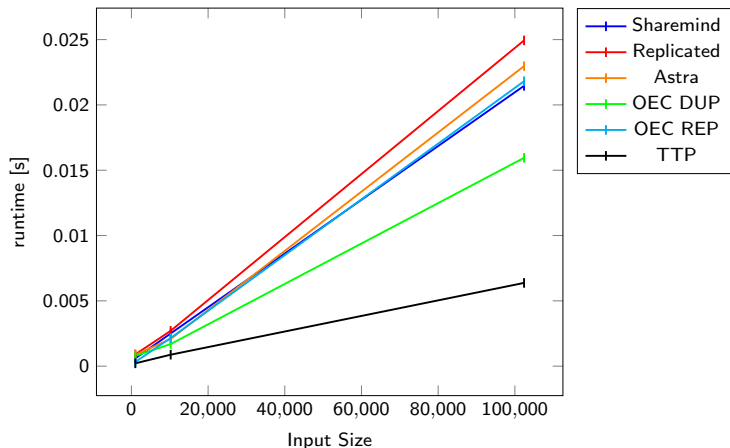
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 6 (TTP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Protocol -s 6 (TTP)



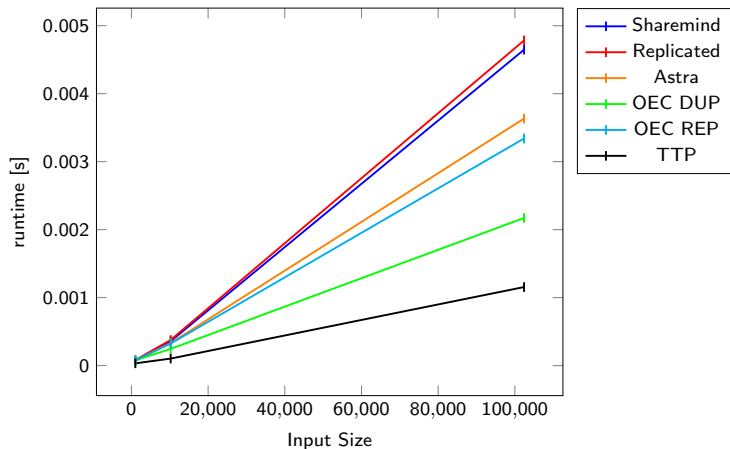
- Ref.Problem: Scalable Search
- Library: MP-Slice - Protocol -s 6 (TTP)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d8 (char)



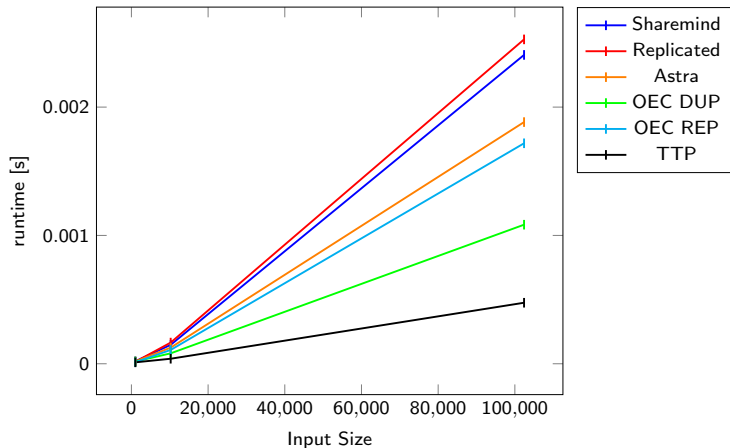
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d8 (char)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d8 (char)



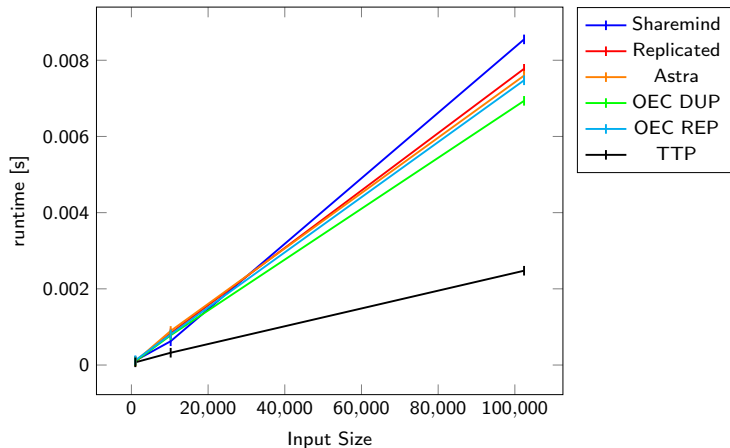
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d8 (char)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d8 (char)



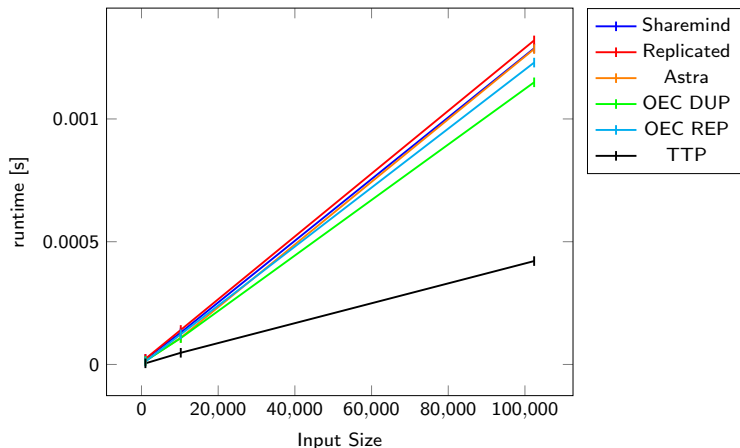
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d8 (char)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d64 (uint64)



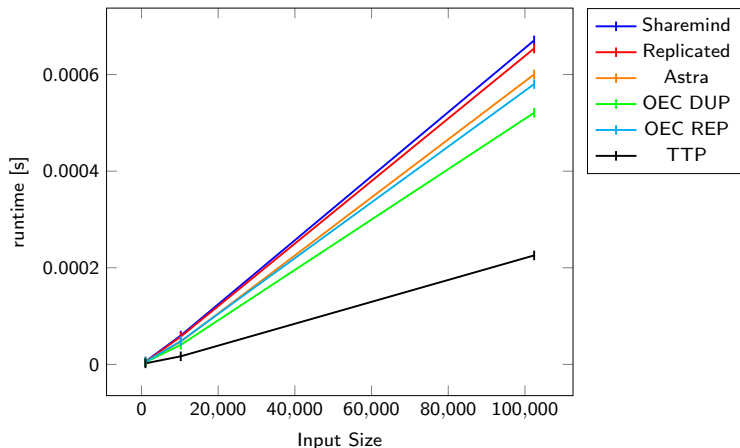
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d64 (uint64)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d64 (uint64)



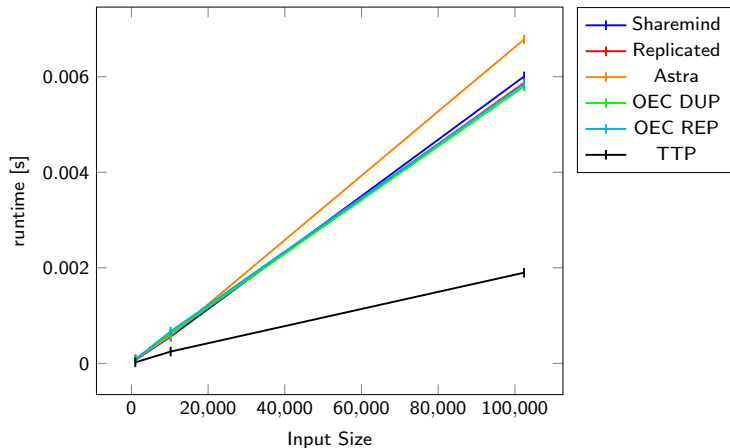
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d64 (uint64)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d64 (uint64)



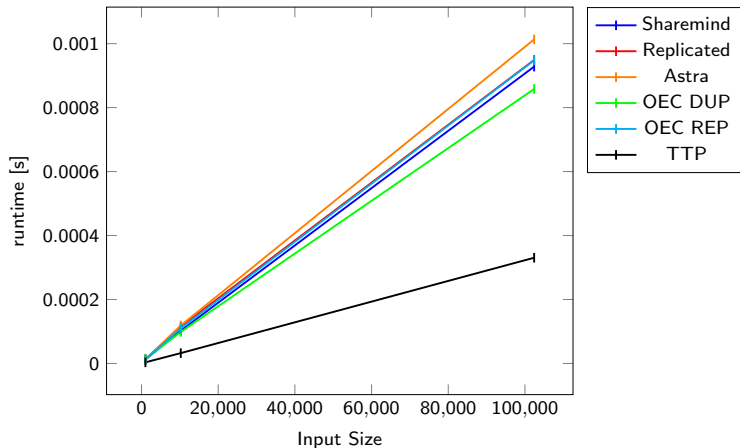
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d64 (uint64)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



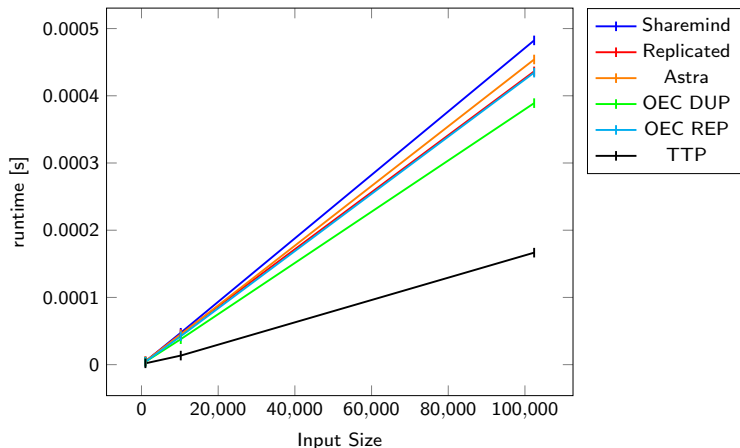
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



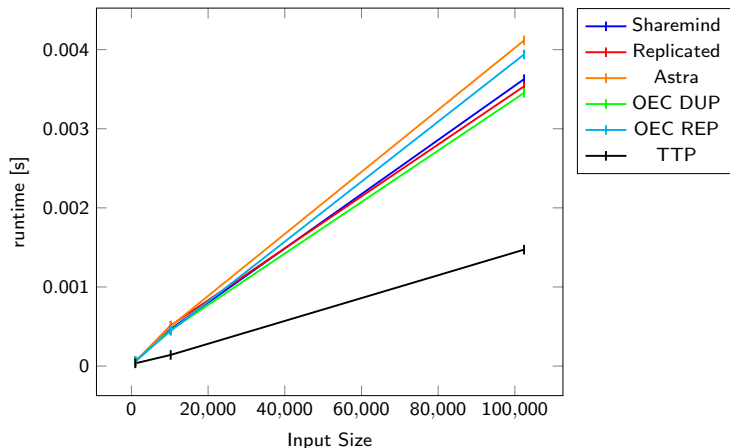
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

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



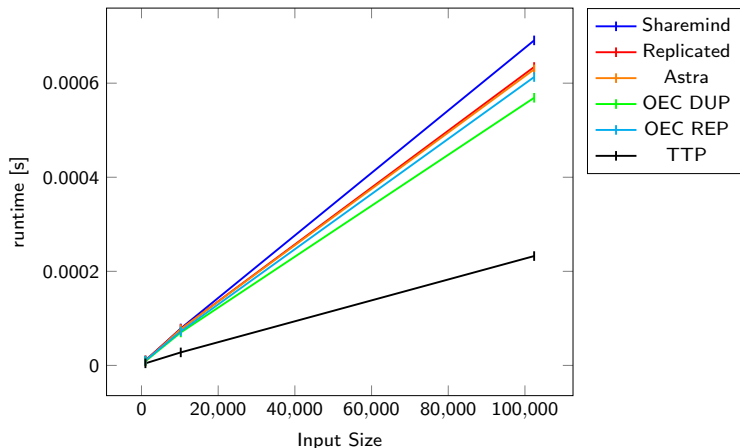
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d128 (SSE)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



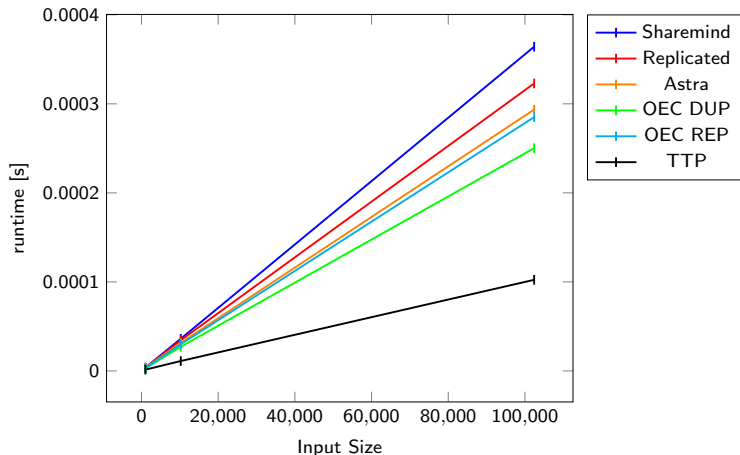
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



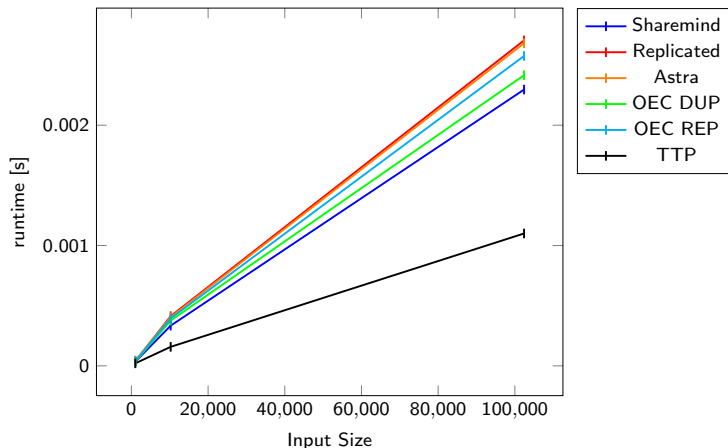
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d256 (AVX)



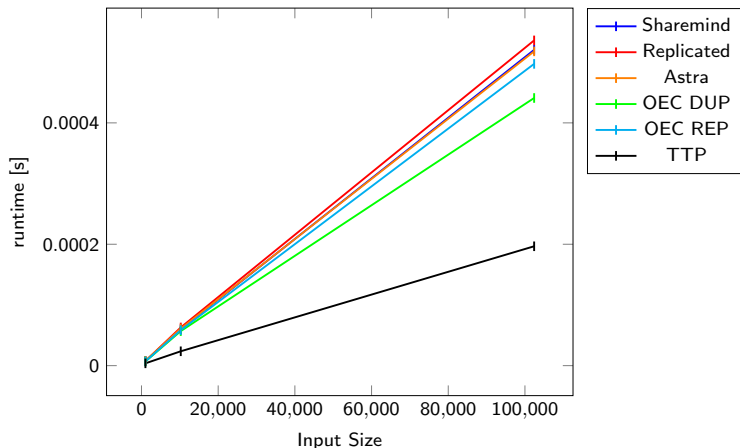
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d256 (AVX)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d512 (AVX512)



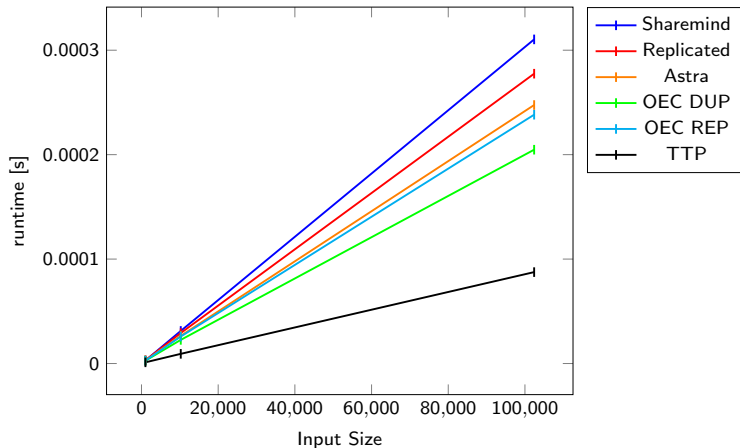
- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d512 (AVX512)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 0, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d512 (AVX512)



- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d512 (AVX512)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 1, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits

MP-Slice Runtimes Input Size Datatype -d d512 (AVX512)



- Ref.Problem: Scalable Search
- Library: MP-Slice - Datatype -d d512 (AVX512)
- Metric: Input Size - runtime
- Switches: Preprocessing: 0, Split Roles: 2, Pack Bool: 0, Optimize Sharing: 1, SSL: 0, Function: 0
- Specs: idex Intel 6312U(2.4GHz) 512GiB 25Gbits