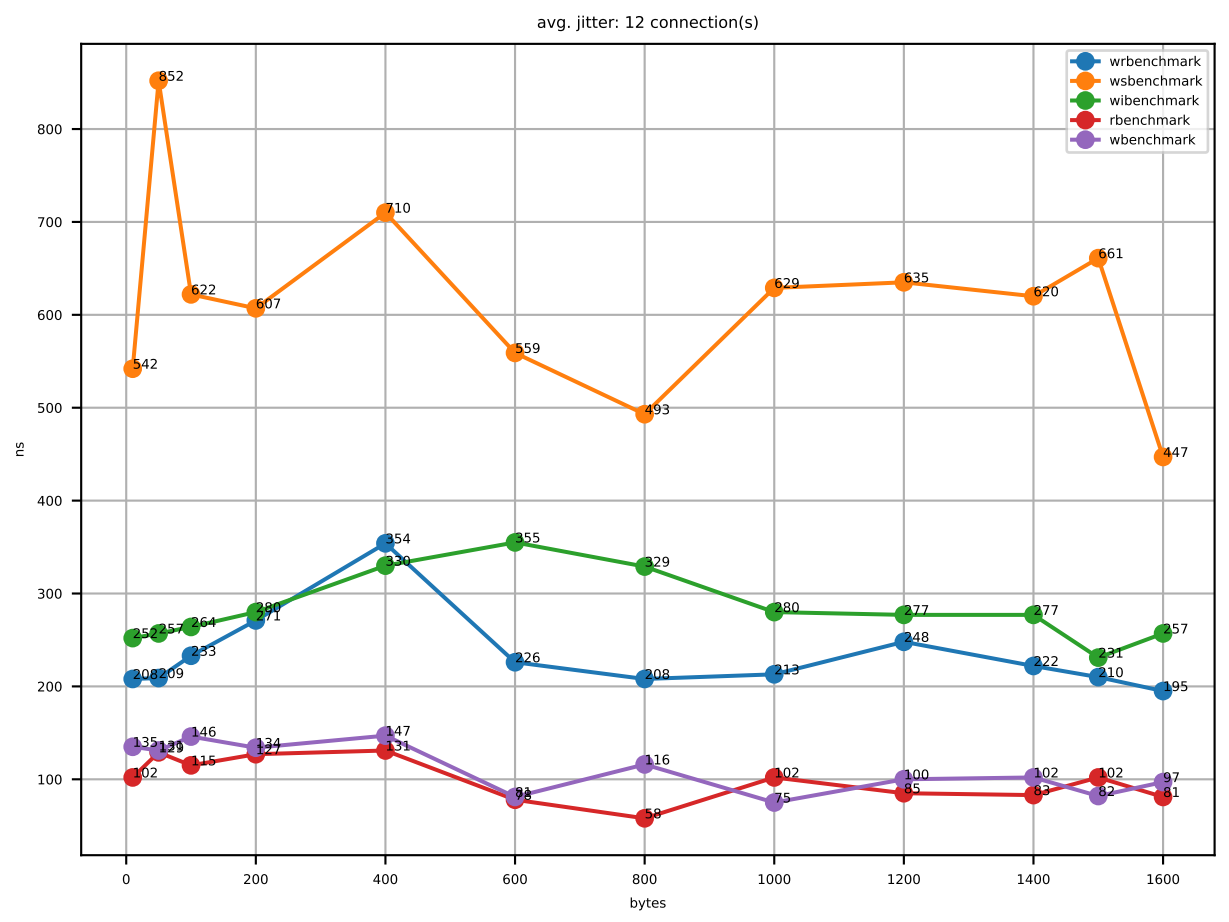
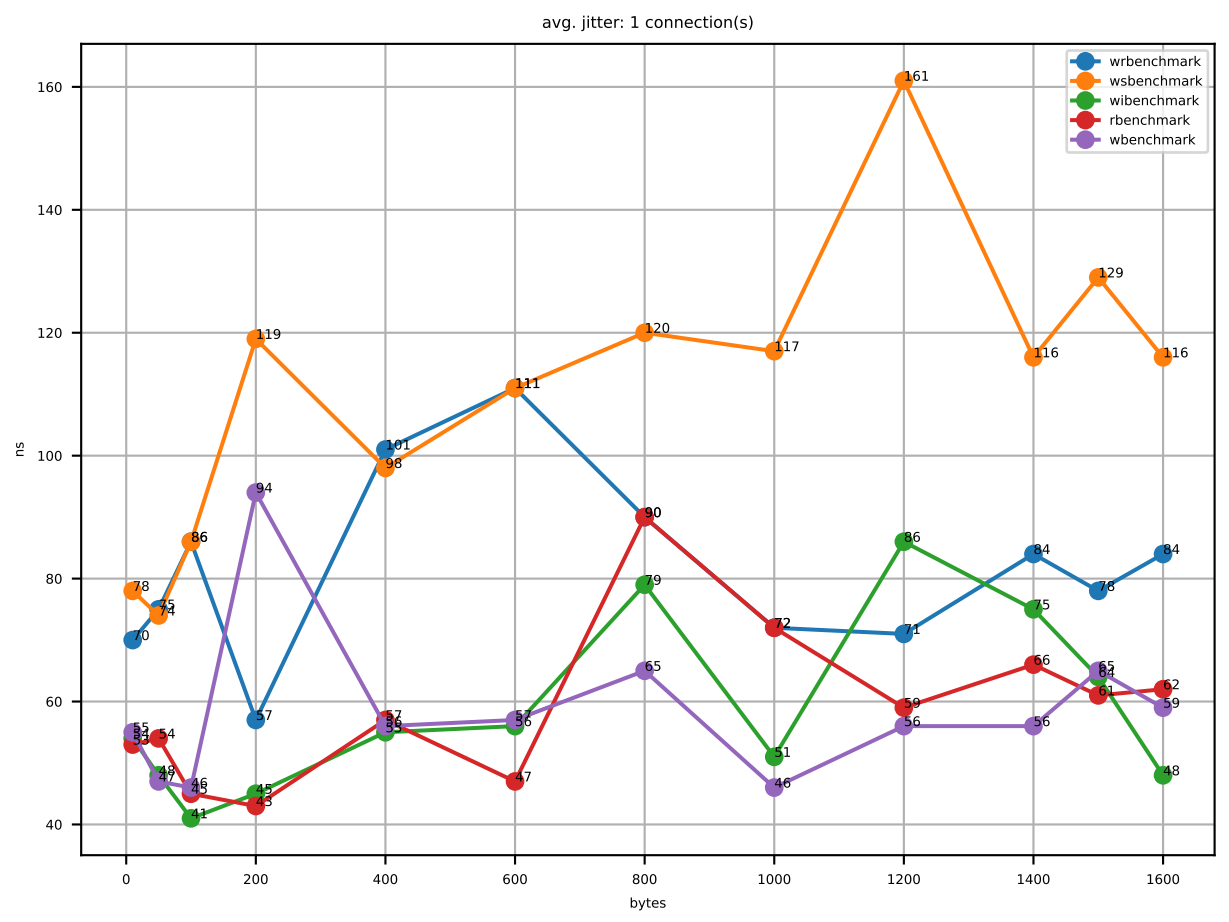
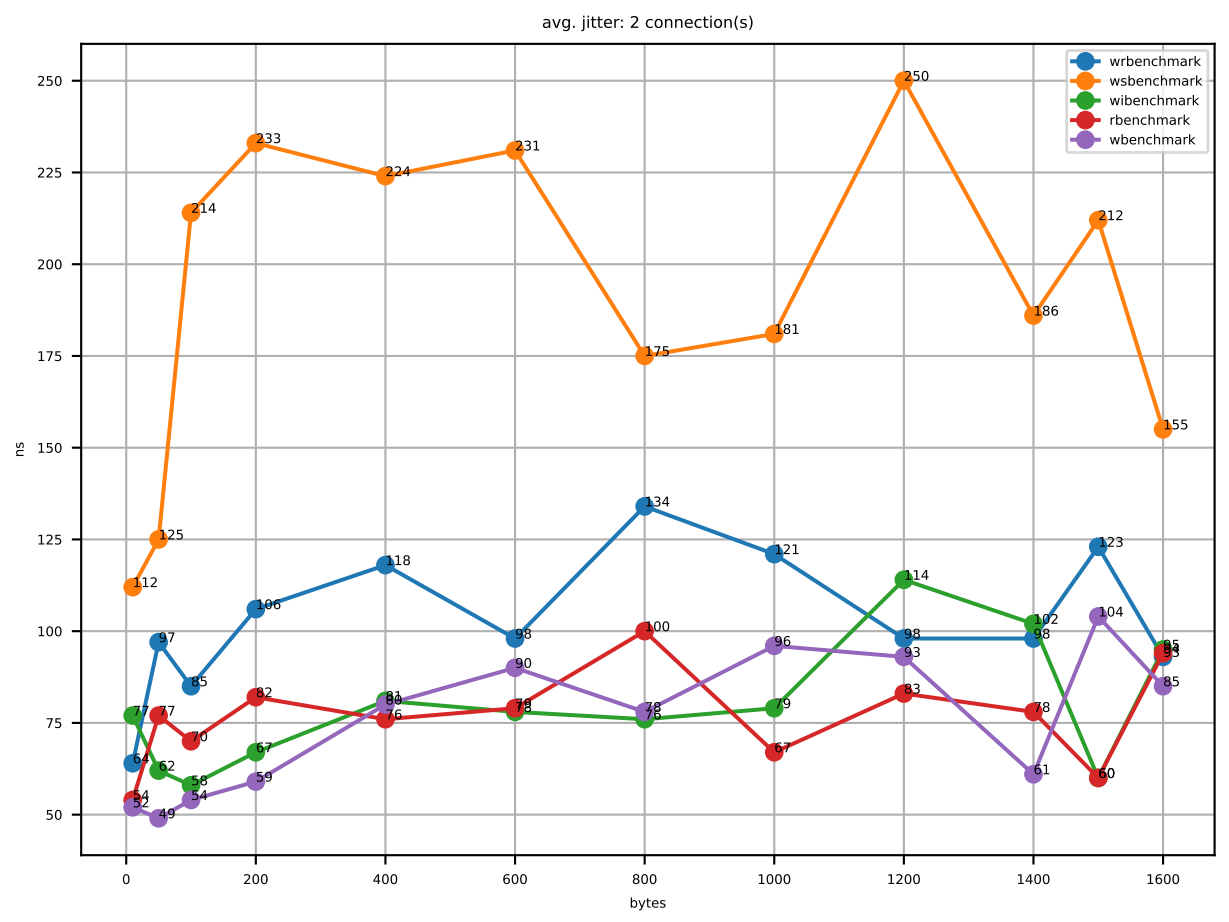
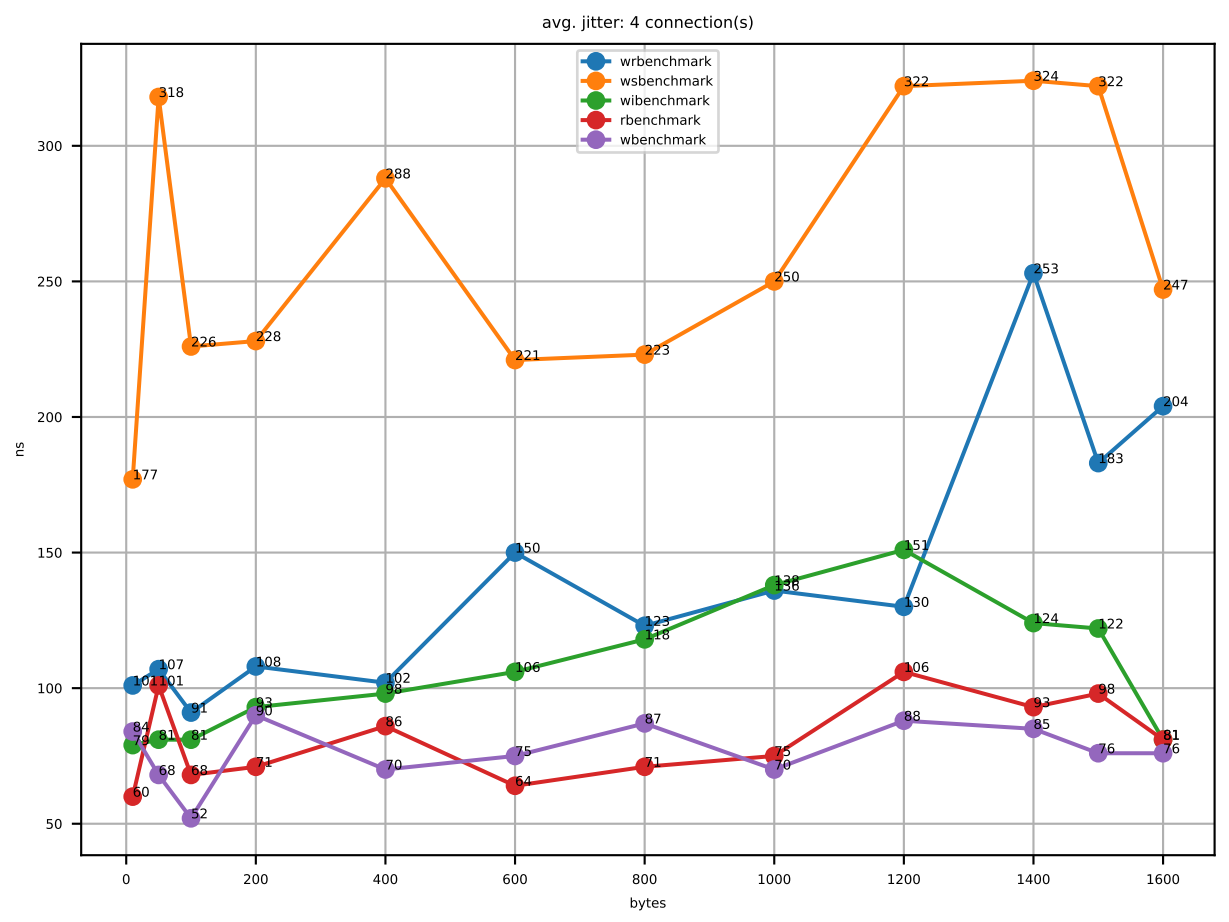
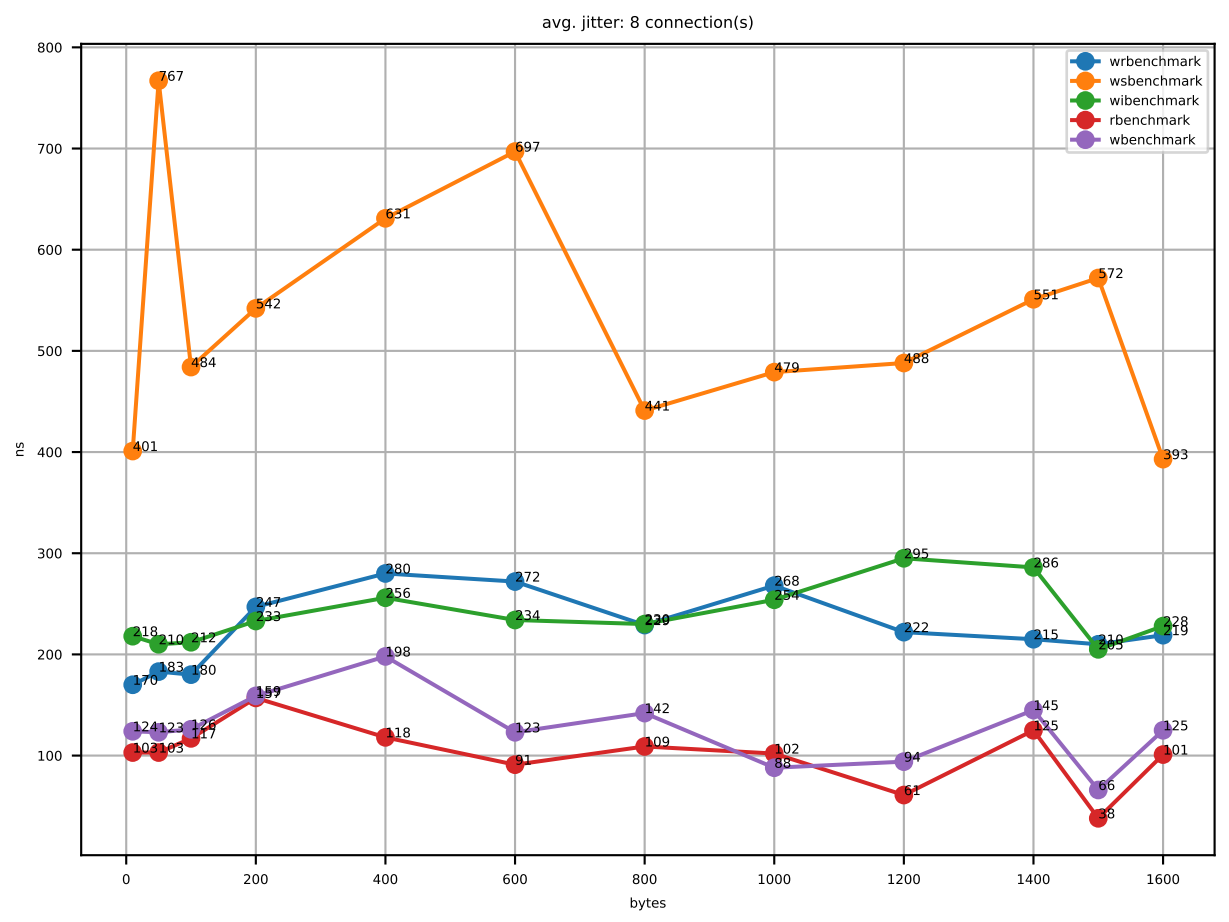
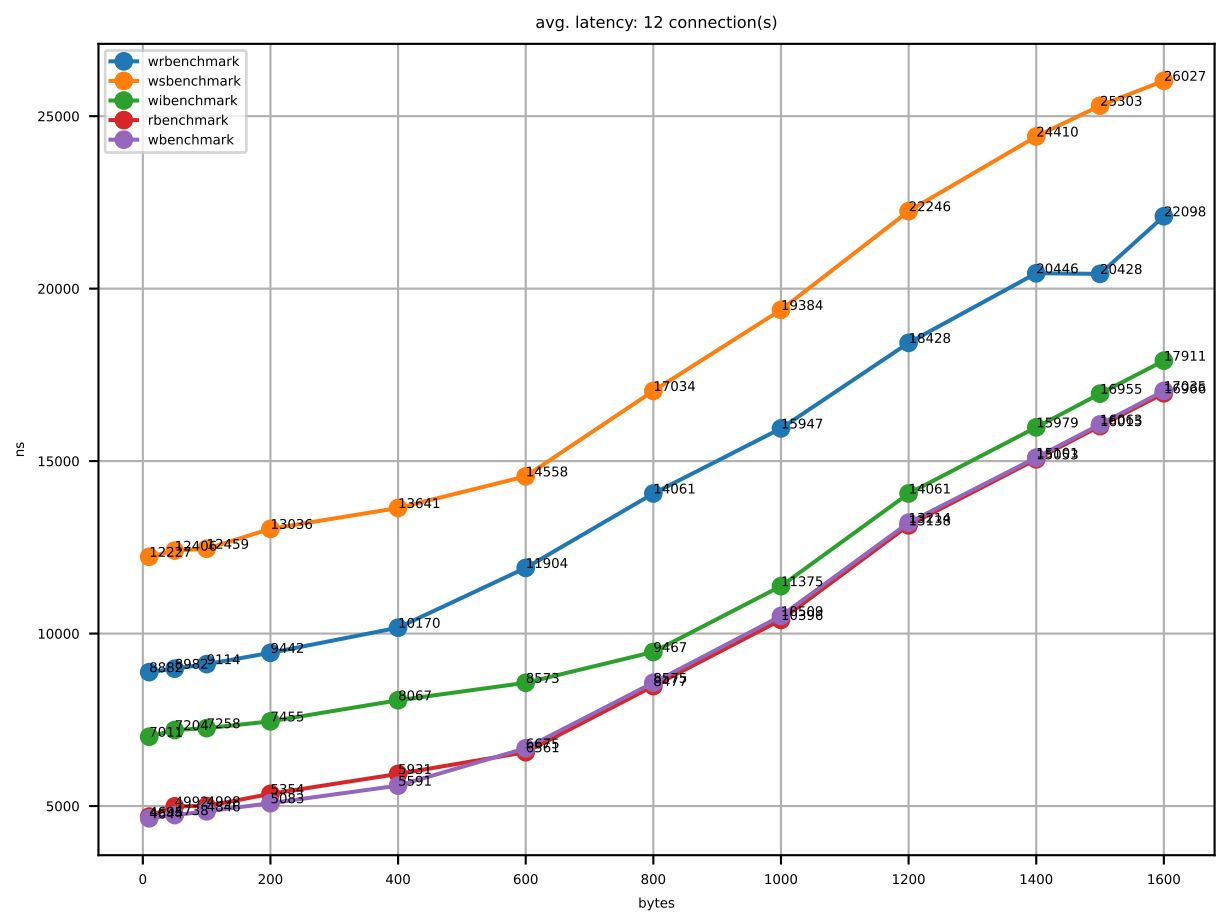

avg. jitter: 12 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
100
200
300
400
500
600
700
800
852
542
622
607
710
559
493
629
635
620
661
447
354
330
355
329
280
277
277
231
257
252
257
264
280
271
233
226
208
209
213
248
222
210
195
146
147
135
134
131
116
102
102
102
102
97
85
83
82
81
75
58
115

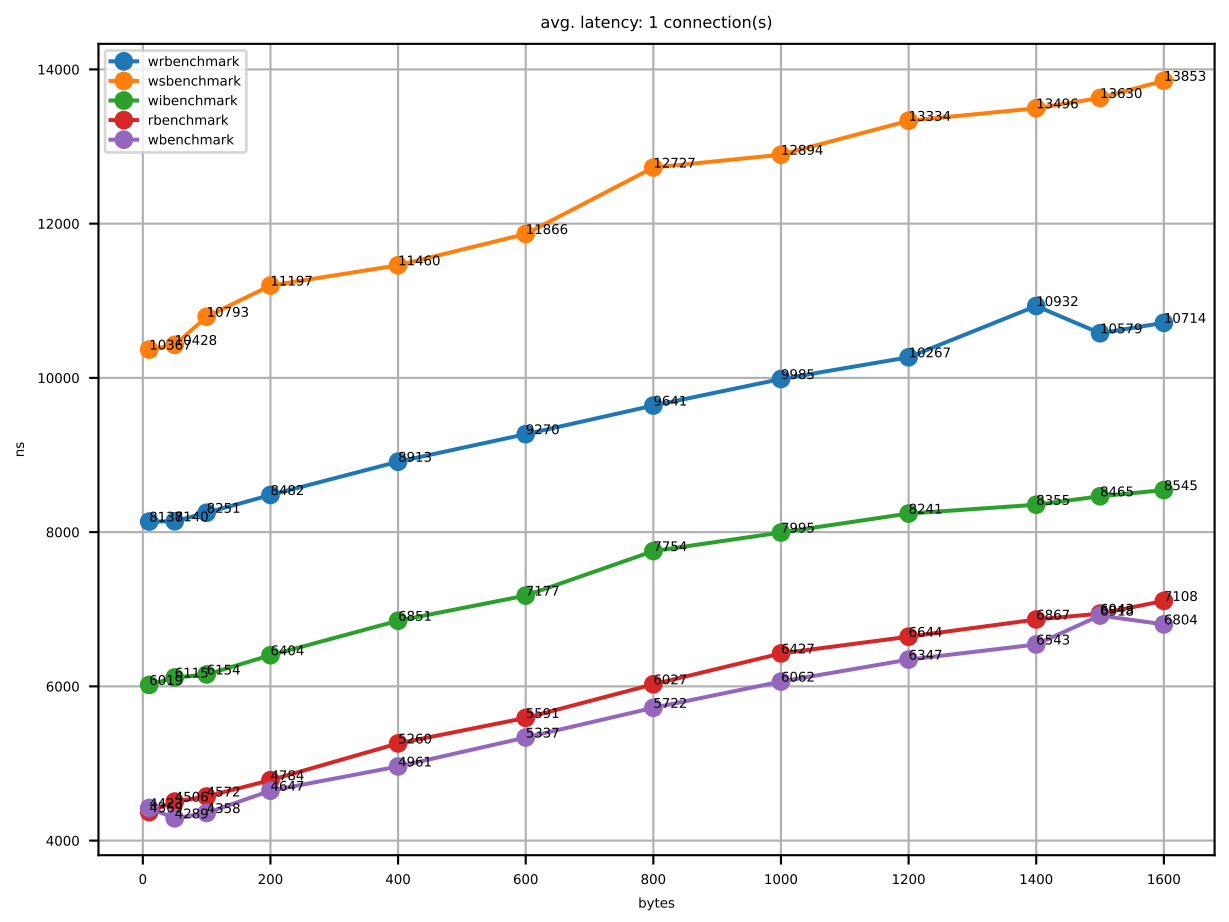

avg. jitter: 1 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
40
60
80
100
120
140
160

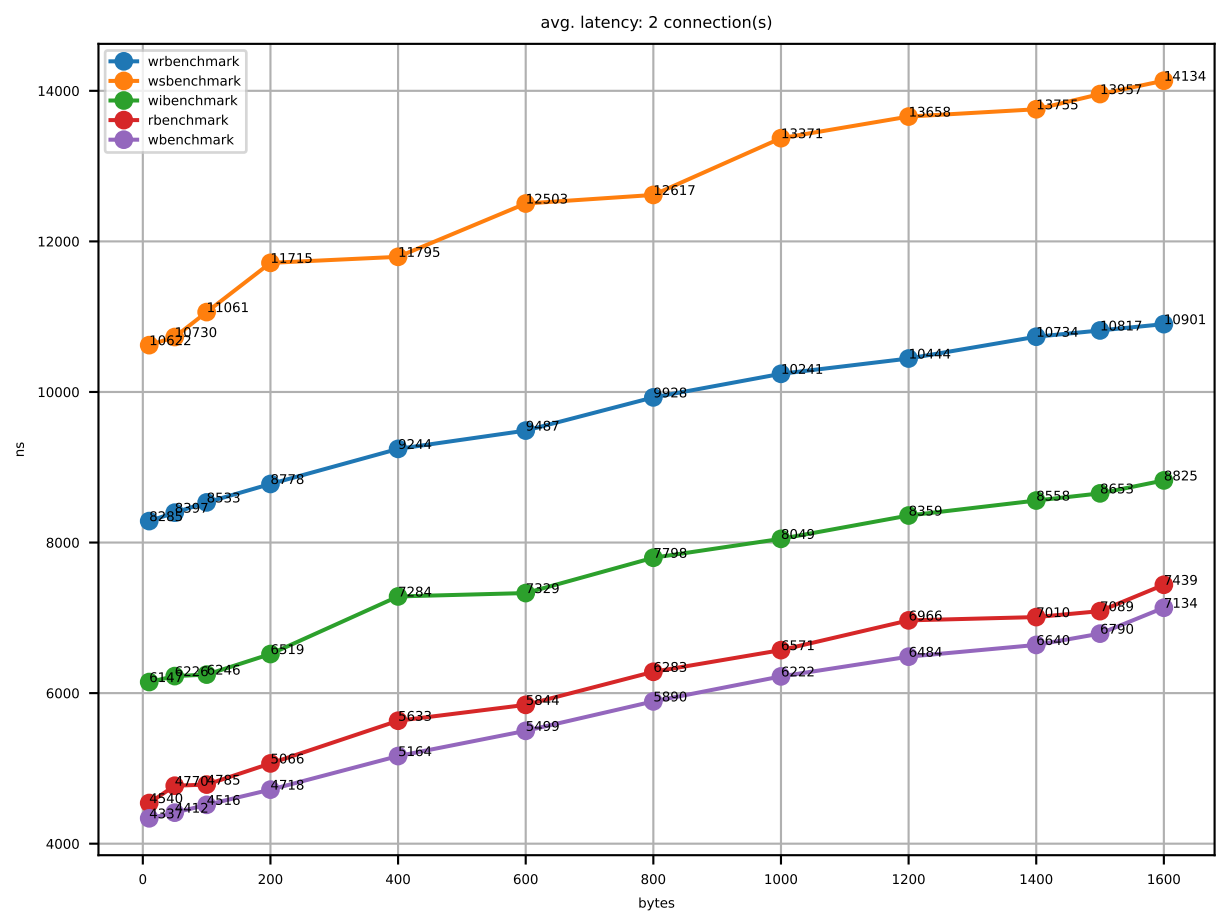

avg. jitter: 2 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
50
75
100
125
150
175
200
225
250

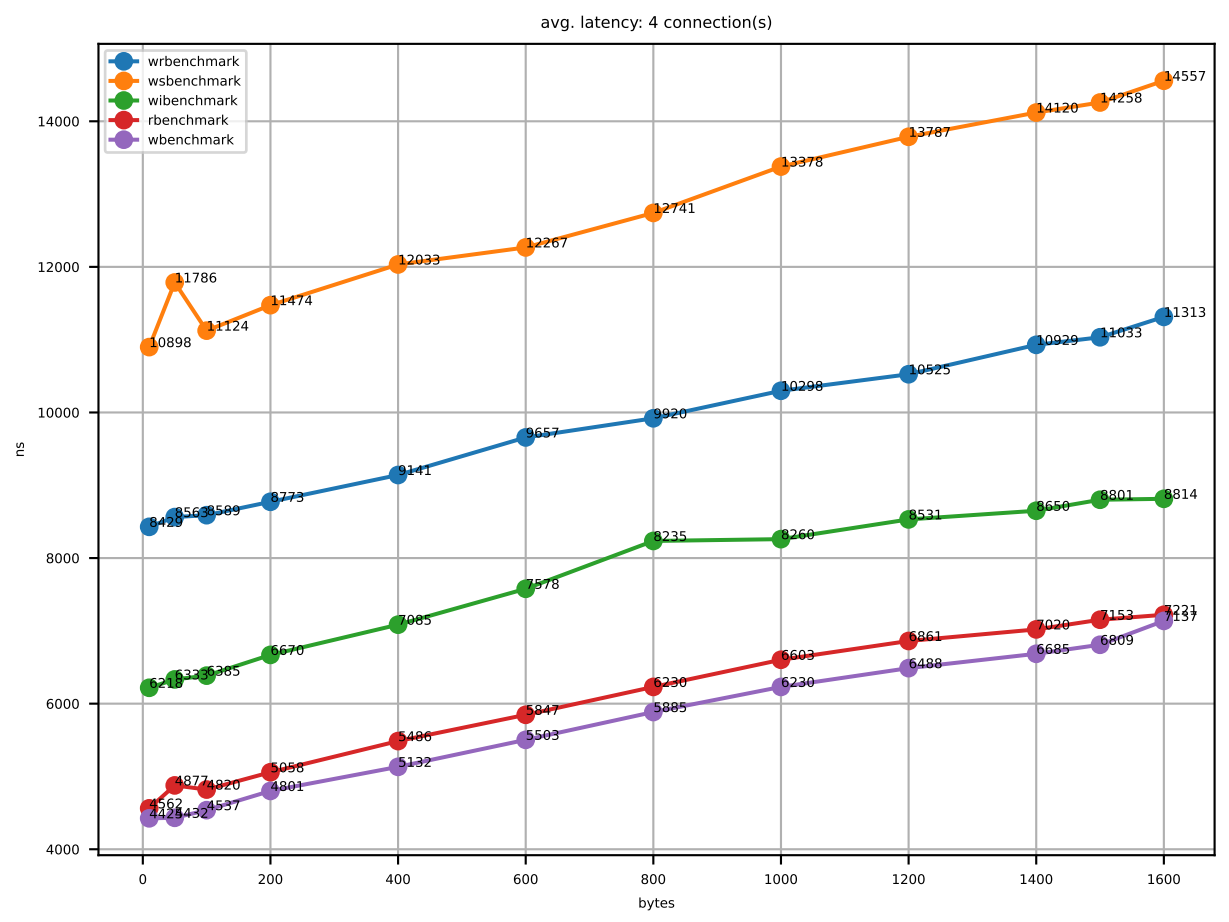

avg. jitter: 4 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
50
100
150
200
250
300
318
177
226
228
288
221
223
250
322
324
322
247
253
183
204
107
101
91
108
102
150
123
118
138
136
130
151
124
122
84
79
81
81
93
90
106
98
86
71
68
60
64
75
70
87
75
106
93
98
81
68
52
88
85
76
76

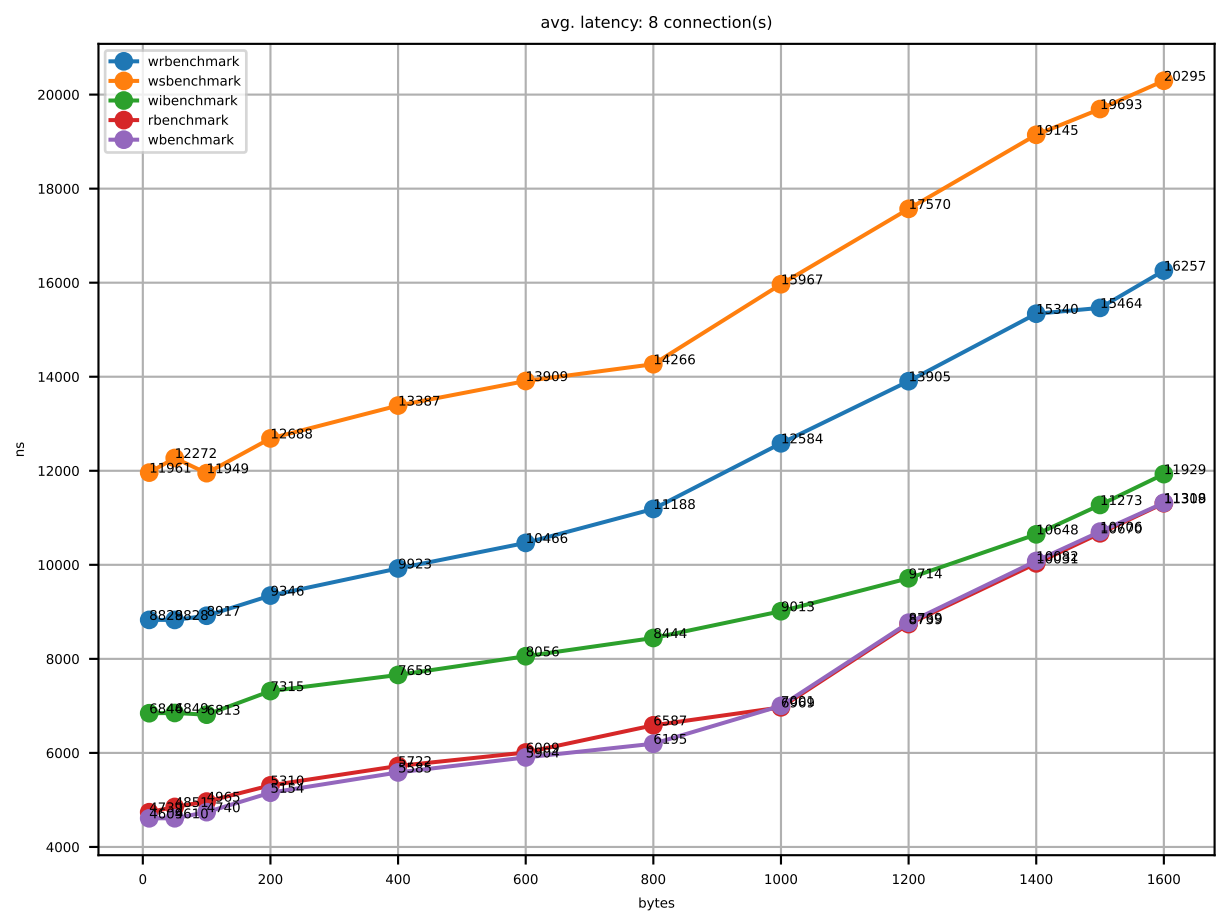

avg. jitter: 8 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
800
700
600
500
400
300
200
100
0
200
400
600
800
1000
1200
1400
1600
767
697
631
542
484
401
572
551
488
479
441
393
295
286
280
272
268
256
254
247
234
233
228
222
219
218
215
212
210
210
205
198
183
180
170
159
157
145
142
125
124
123
123
118
117
109
103
103
102
102
101
101
99
94
91
88
66
61
38

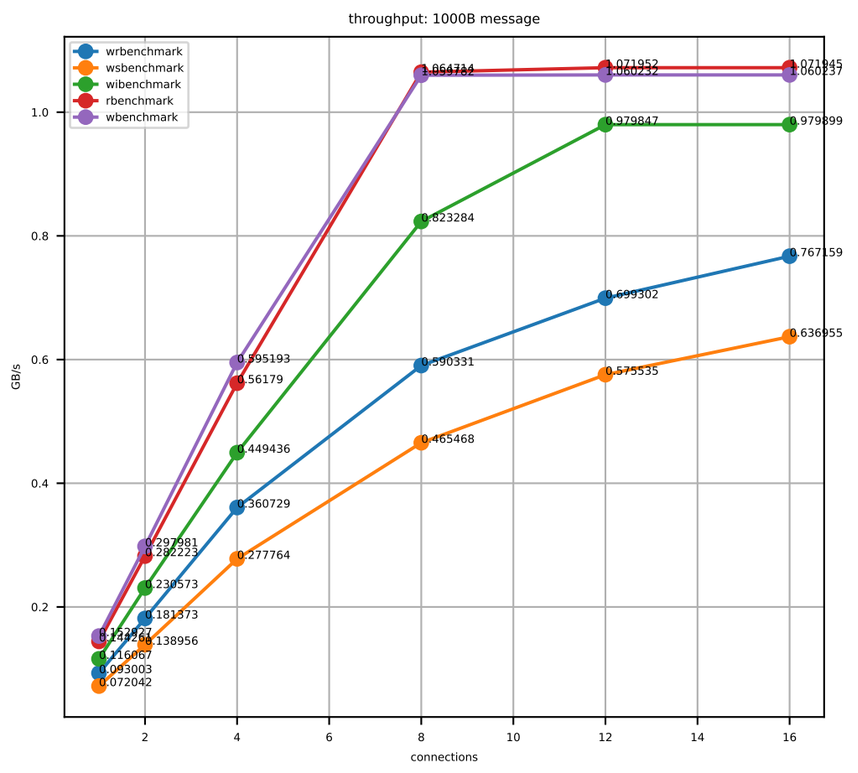

avg. latency: 12 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
5000
10000
15000
20000
25000
0
200
400
600
800
1000
1200
1400
1600
26027
25303
24410
22246
19384
17034
14558
13641
13036
12459
12406
12227
22098
20446
20428
18428
15947
14061
11904
10170
9442
9114
9029
8868
17911
16955
15979
14061
11375
9467
8573
8067
7455
7258
7047
7011
16988
16063
15091
13214
10508
8575
6675
6561
5931
5591
5354
5083
4992
4848
4738
4644

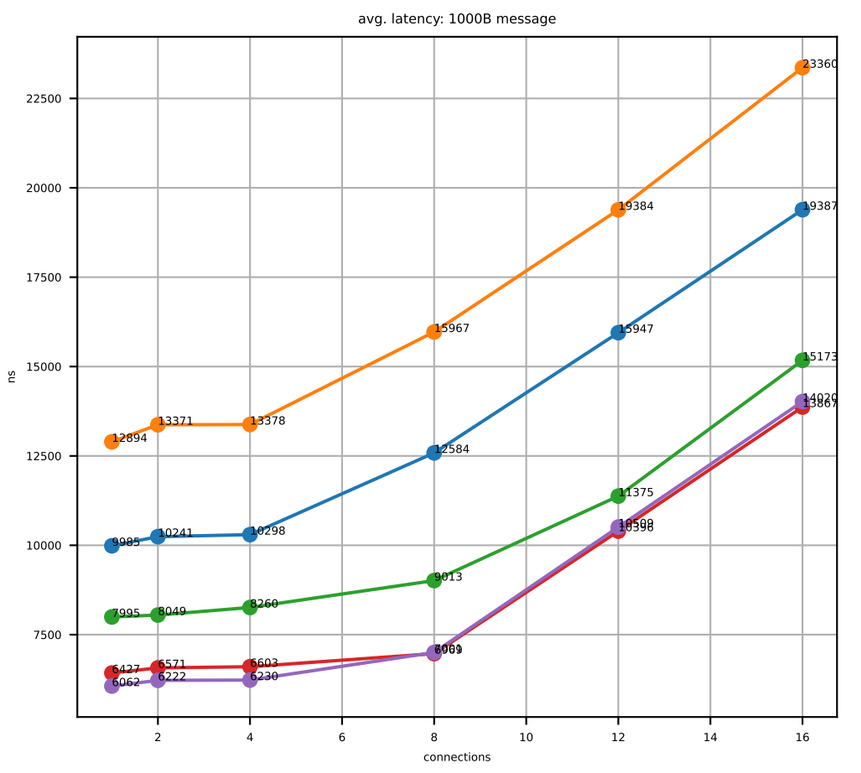

avg. latency: 1 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
14000
12000
10000
8000
6000
4000
0
200
400
600
800
1000
1200
1400
1600
10367
10428
10793
11197
11460
11866
12727
12894
13334
13496
13630
13853
8138
8140
8251
8482
8913
9270
9641
9985
10267
10932
10579
10714
6019
6115
6154
6404
6851
7177
7754
7995
8241
8355
8465
8545
4406
4506
4572
4764
5260
5591
6027
6427
6644
6867
6918
7108
4289
4358
4647
4961
5337
5722
6062
6347
6543
6804

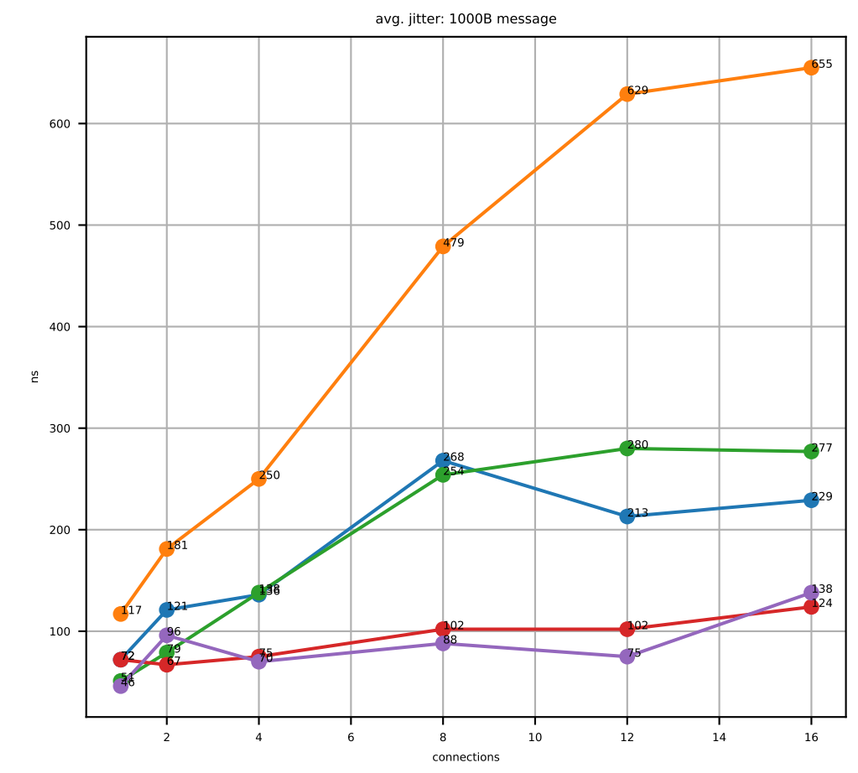

avg. latency: 2 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
14000
12000
10000
8000
6000
4000
0
200
400
600
800
1000
1200
1400
1600
10622
10730
11061
11715
11795
12503
12617
13371
13658
13755
13957
14134
8265
8397
8533
8778
9244
9487
9928
10241
10444
10734
10817
10901
6147
6226
6246
6519
7284
7329
7798
8049
8359
8558
8653
8825
4540
4704
4765
5066
5633
5844
6283
6571
6966
7010
7089
7439
4337
4412
4516
4718
5164
5499
5890
6222
6484
6640
6790
7134

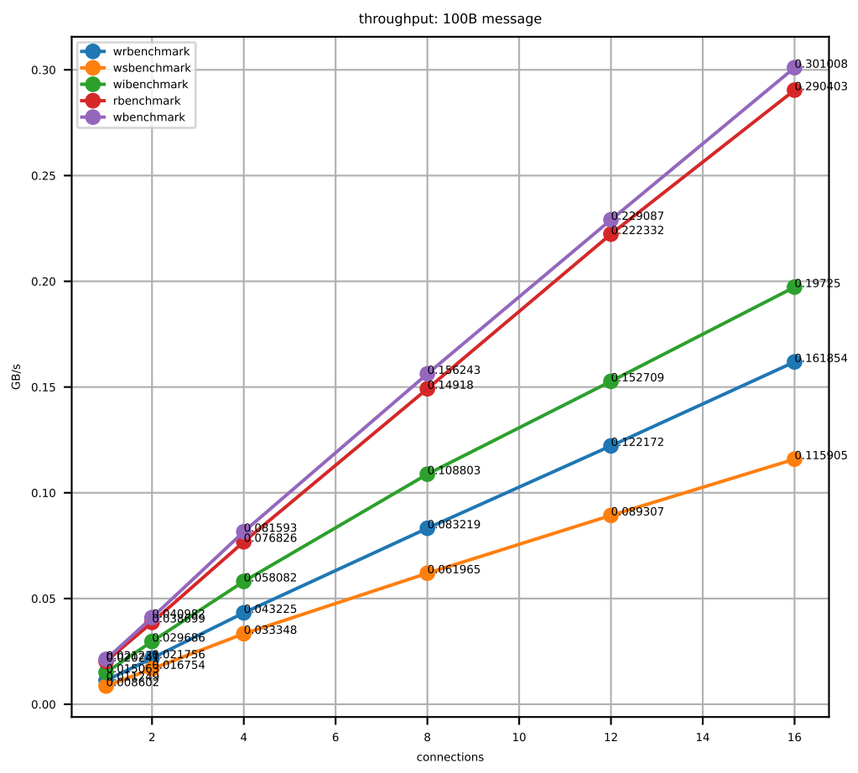

avg. latency: 4 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
14000
12000
10000
8000
6000
4000
0
200
400
600
800
1000
1200
1400
1600
14557
14258
14120
13787
13378
12741
12267
12033
11786
11474
11124
10898
11313
11033
10929
10525
10298
9920
9657
9141
8773
8589
8563
8429
8814
8801
8650
8531
8260
8235
7578
7085
6670
6365
6333
6218
7221
7153
7020
6861
6603
6230
5847
5486
5058
4820
4877
4562
7137
6809
6685
6488
6230
5885
5503
5132
4801
4537
4432
4429

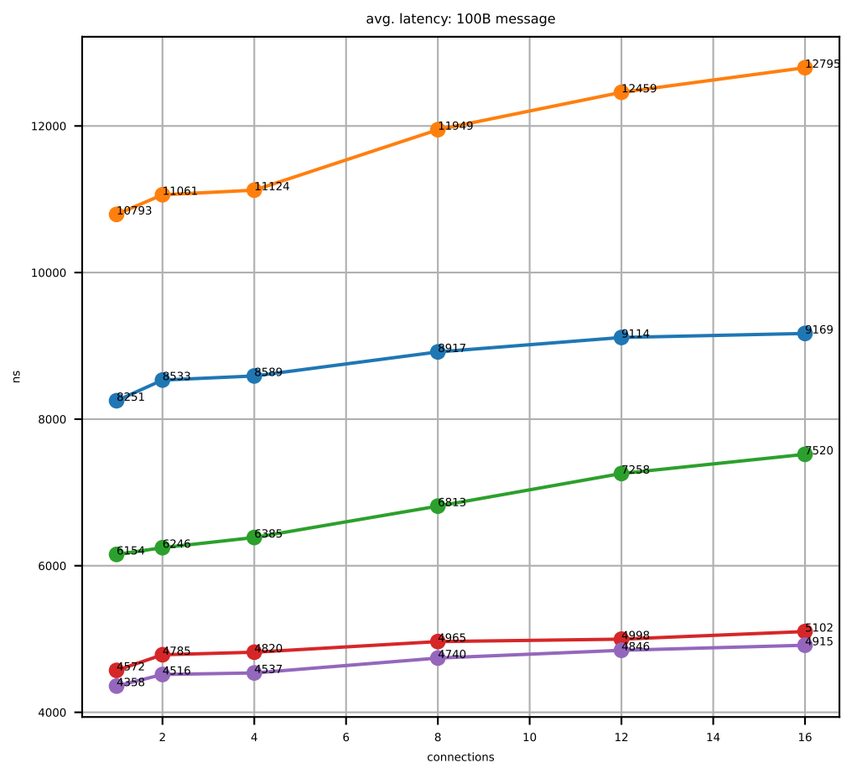

avg. latency: 8 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
4000
6000
8000
10000
12000
14000
16000
18000
20000
11961
12272
11949
12688
13387
13909
14266
15967
17570
19693
20295
8829
8828
8917
9346
9923
10466
11188
12584
13905
15340
15464
16257
6846
6848
6813
7315
7658
8056
8444
9013
9714
10648
11273
11929
4760
4685
4965
5310
5722
6002
6587
7000
8799
10092
10706
11308
4609
4610
4740
5154
5585
5907
6195
7000
8799
10092
10706
11308

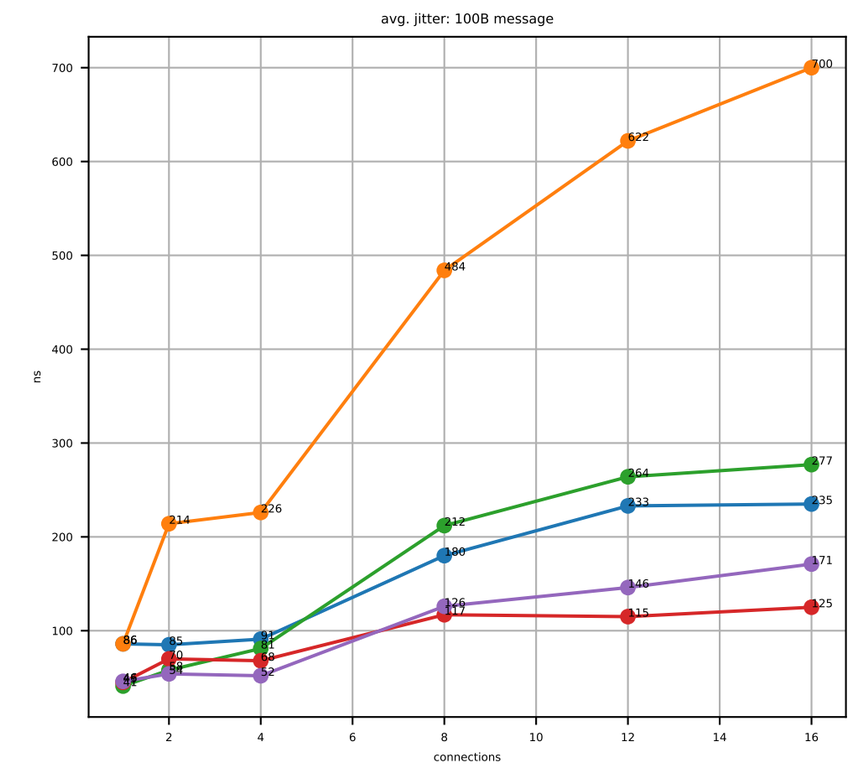

throughput: 1000B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.56179
0.695193
0.823284
0.979847
1.060232
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.277764
0.360729
0.449436
0.465468
0.575535
0.636955
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.590331
0.699302
0.767159
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.56179
0.695193
0.823284
0.979847
0.979899
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.56179
0.695193
0.823284
0.979847
1.060237
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.56179
0.695193
0.823284
0.979847
1.060232
1.071945
0.072042
0.093003
0.116067
0.138956
0.181373
0.230573
0.282223
0.360729
0.449436
0.56179
0.695193
0.823284
0.979847
1.059782
1.071952

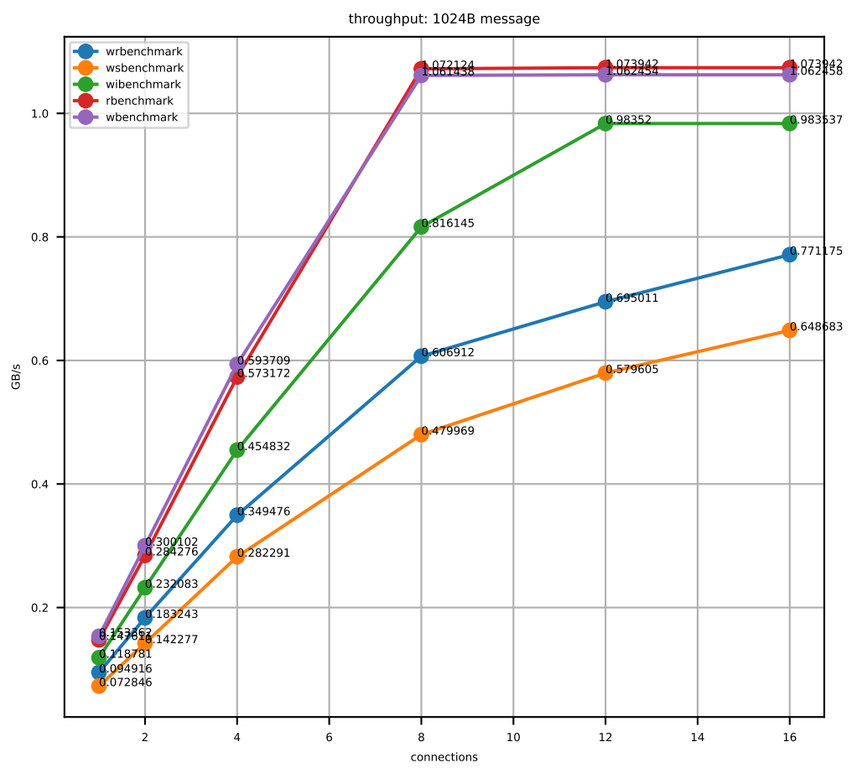

avg. latency: 1000B message
ns
connections
12894
13371
13378
15967
19384
23360
9985
10241
10298
12584
15947
19387
7995
8049
8260
9013
11375
15173
6427
6571
6603
7001
10530
14020
6062
6222
6230
6999
10596
13867

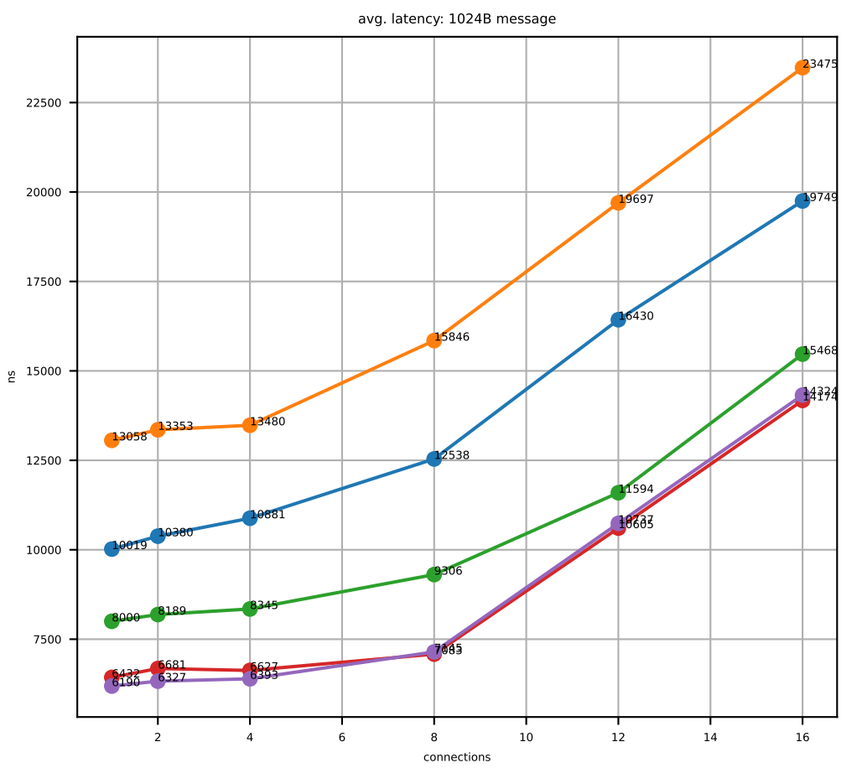

avg. jitter: 1000B message
ns
connections
117
181
250
479
629
655
72
96
75
102
102
124
121
136
268
213
229
41
79
67
88
75
138
254
280
277
46
70

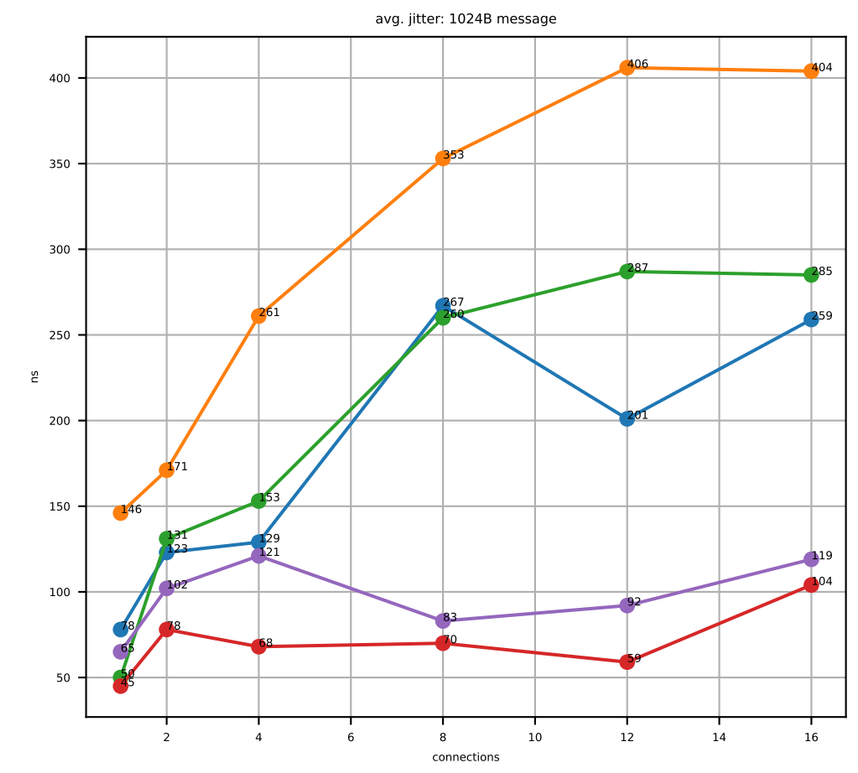

throughput: 100B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.301008
0.290403
0.229087
0.222332
0.19725
0.161854
0.156243
0.14918
0.152709
0.122172
0.115905
0.108803
0.089307
0.083219
0.081593
0.076826
0.061965
0.058082
0.043225
0.033348
0.040082
0.038699
0.029686
0.021756
0.016754
0.015068
0.008602

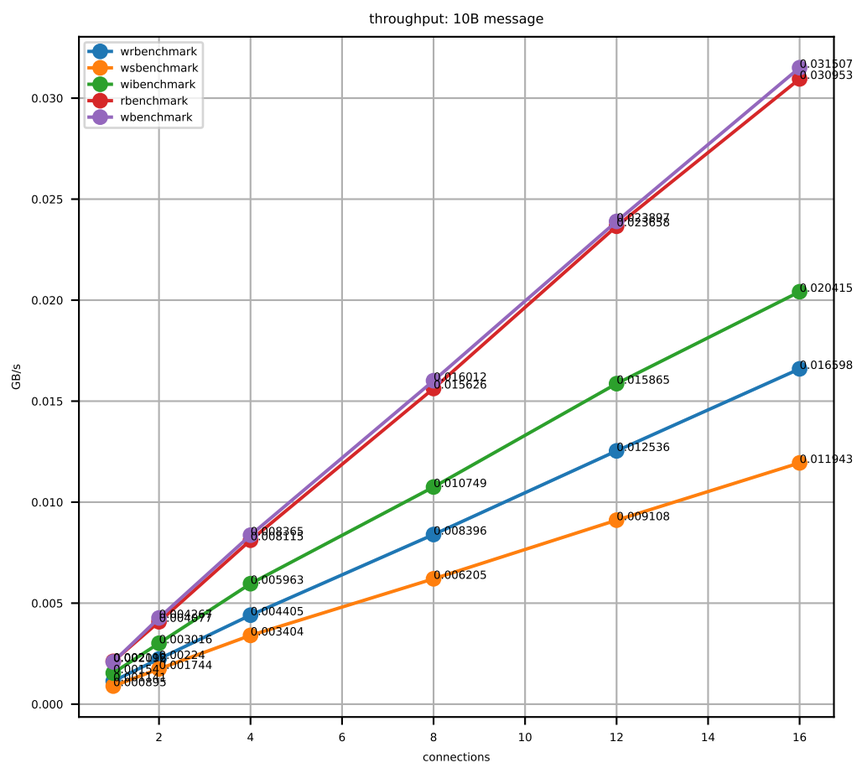

avg. latency: 100B message
ns
connections
12795
12459
11949
11124
11061
10793
9169
9114
8917
8589
8533
8251
7520
7258
6813
6385
6246
6154
5102
4998
4965
4820
4785
4572
4915
4846
4740
4537
4516
4358

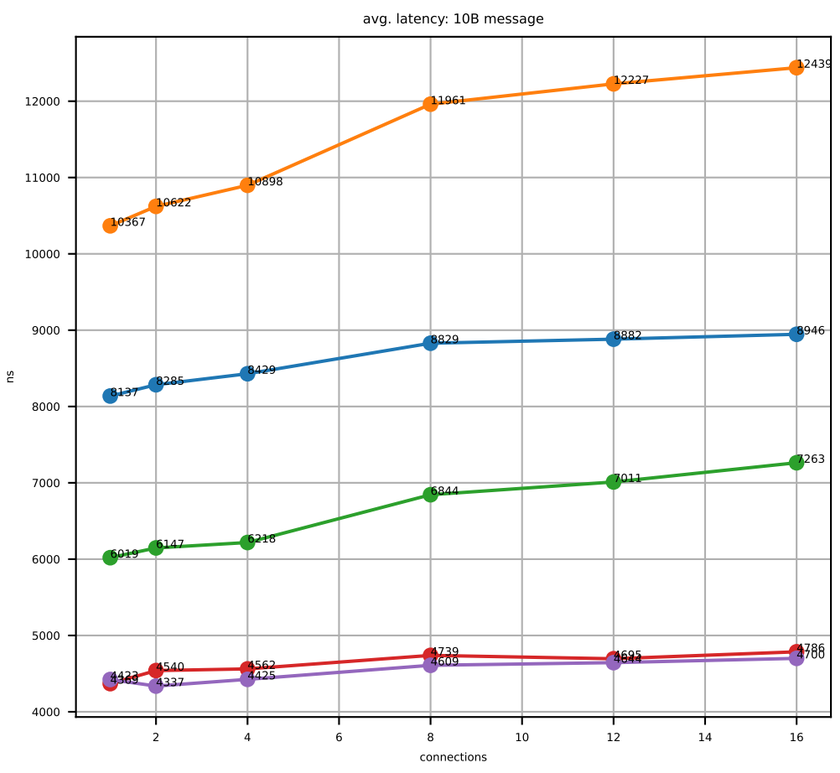

avg. jitter: 100B message
ns
connections
700
622
484
277
264
235
233
214
226
212
180
171
146
126
125
117
115
91
86
85
90
84
58
52

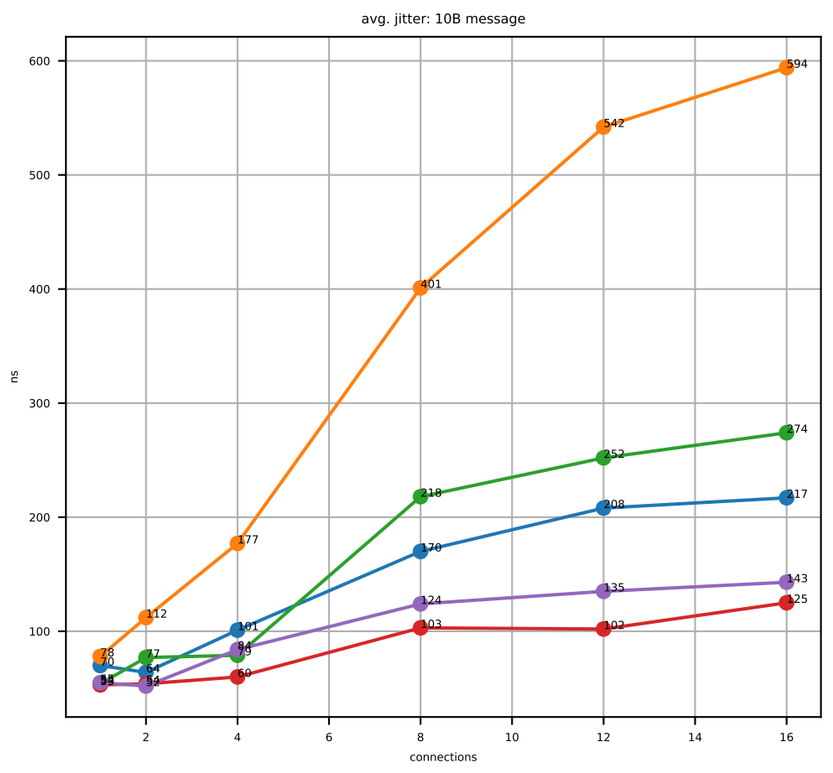

throughput: 1024B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
1.0
0.8
0.6
0.4
0.2
2
4
6
8
10
12
14
16
1.072124
1.073942
1.061438
1.062458
0.98352
0.983537
0.816145
0.771175
0.695011
0.606912
0.593709
0.573172
0.579605
0.479969
0.454832
0.349476
0.300102
0.284276
0.282291
0.232083
0.183243
0.142277
0.118781
0.094916
0.072846

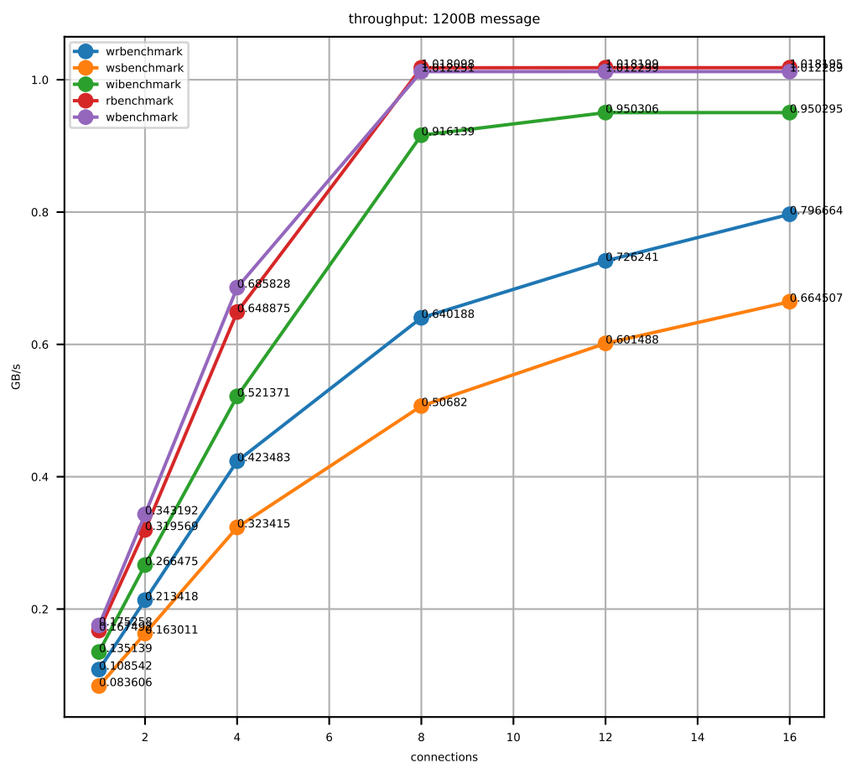

avg. latency: 1024B message
ns
connections
22500
20000
17500
15000
12500
10000
7500
2
4
6
8
10
12
14
16
23475
19697
19749
15846
16430
15468
13058
13353
13480
12538
11594
10019
10380
10881
9306
8000
8189
8345
6681
6627
6327
6393

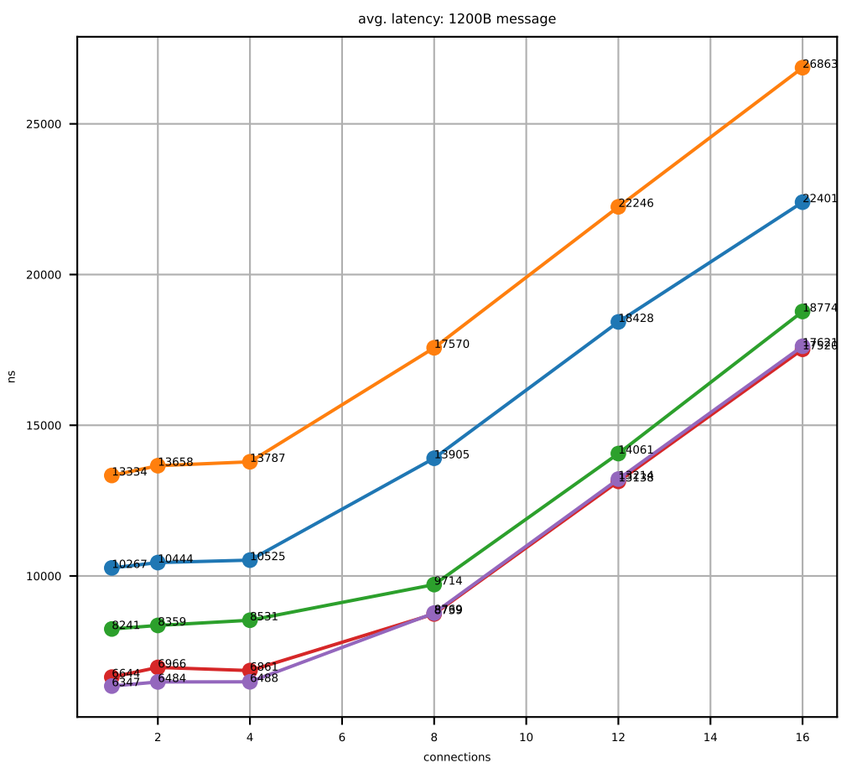

avg. jitter: 1024B message
ns
connections
400
350
300
250
200
150
100
50
2
4
6
8
10
12
14
16
406
404
353
261
287
285
267
260
259
201
171
146
153
131
129
123
121
119
102
104
92
83
78
70
68
59
65
50
45

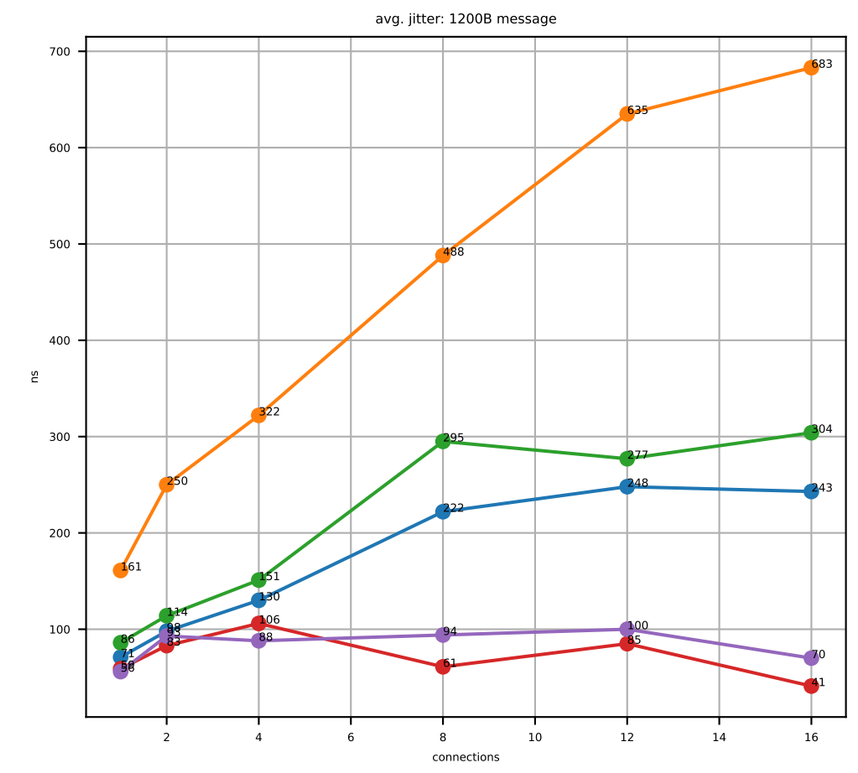

throughput: 10B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections

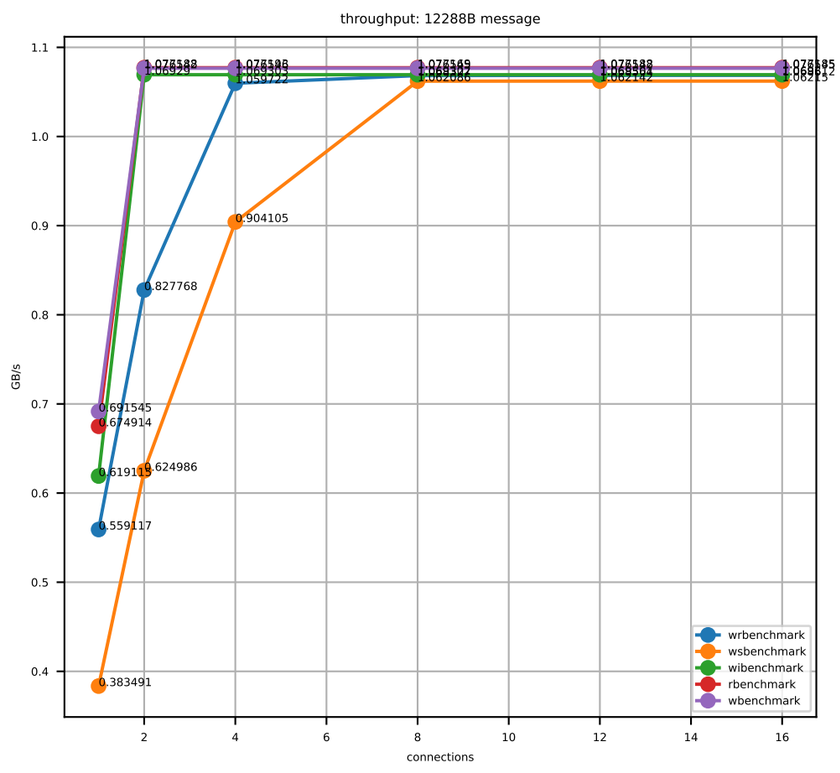

avg. latency: 10B message
ns
connections

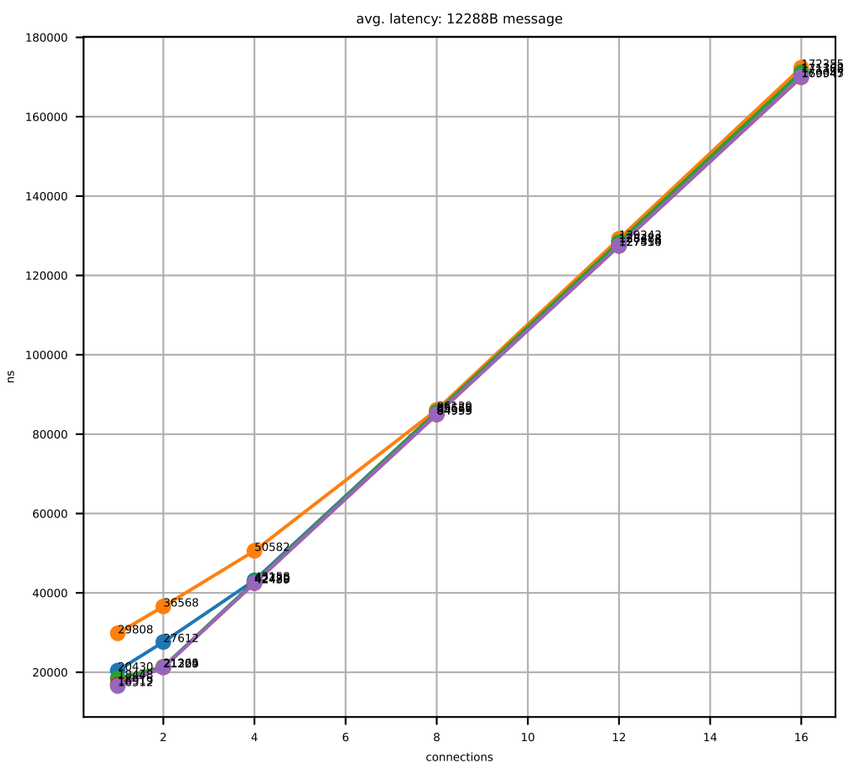

avg. jitter: 10B message
ns
connections

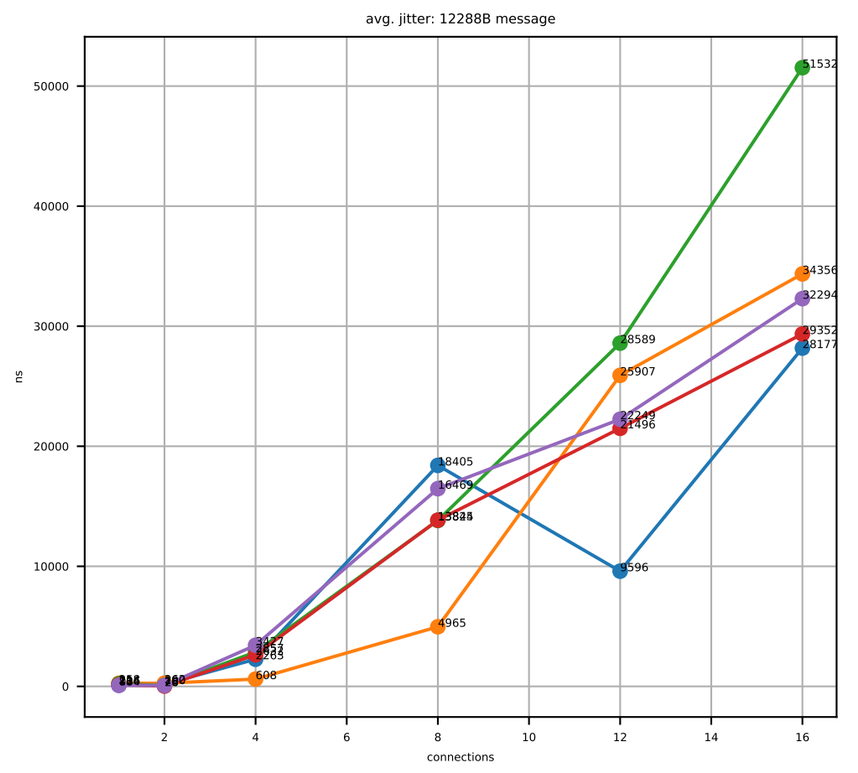

throughput: 1200B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.796664
0.726241
0.640188
0.423483
0.108542
0.664507
0.601488
0.50682
0.323415
0.163011
0.950295
0.950306
0.916139
0.521371
0.135139
1.018195
1.018199
1.018098
1.012289
1.012293
1.012251
0.685828
0.648875
0.343192
0.319569
0.266475
0.213418
0.175498
0.083606

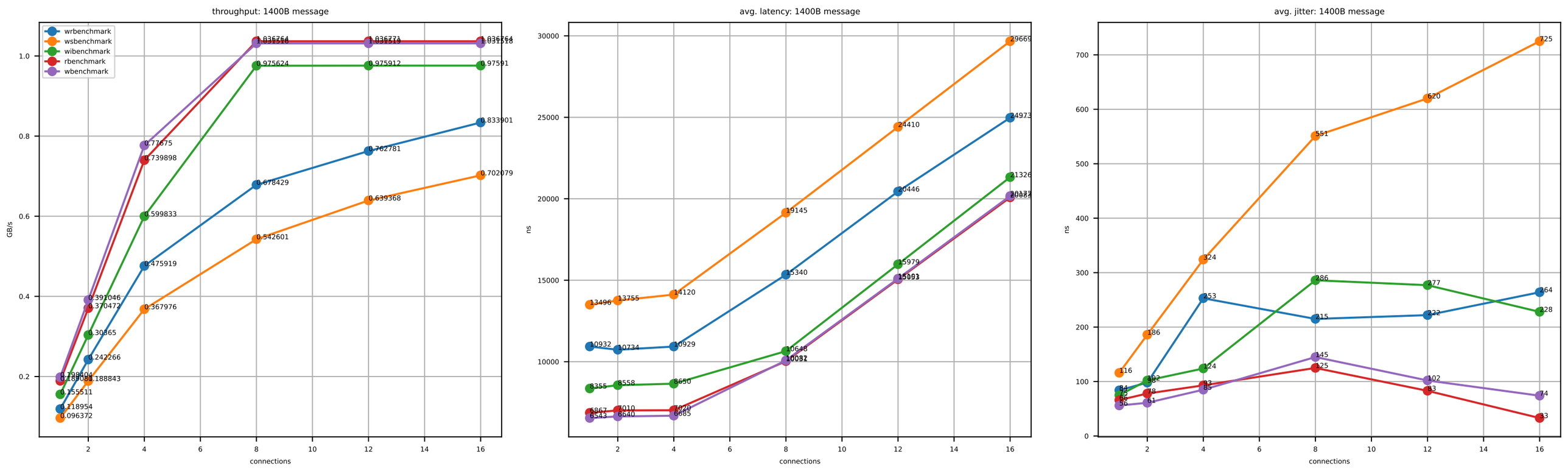

avg. latency: 1200B message
ns
connections
26863
22246
17570
13787
13658
13334
22401
18428
13905
10525
10444
10267
18774
14061
9714
8531
8359
8241
17926
13214
8789
6966
6861
6641
6488
6484
6347

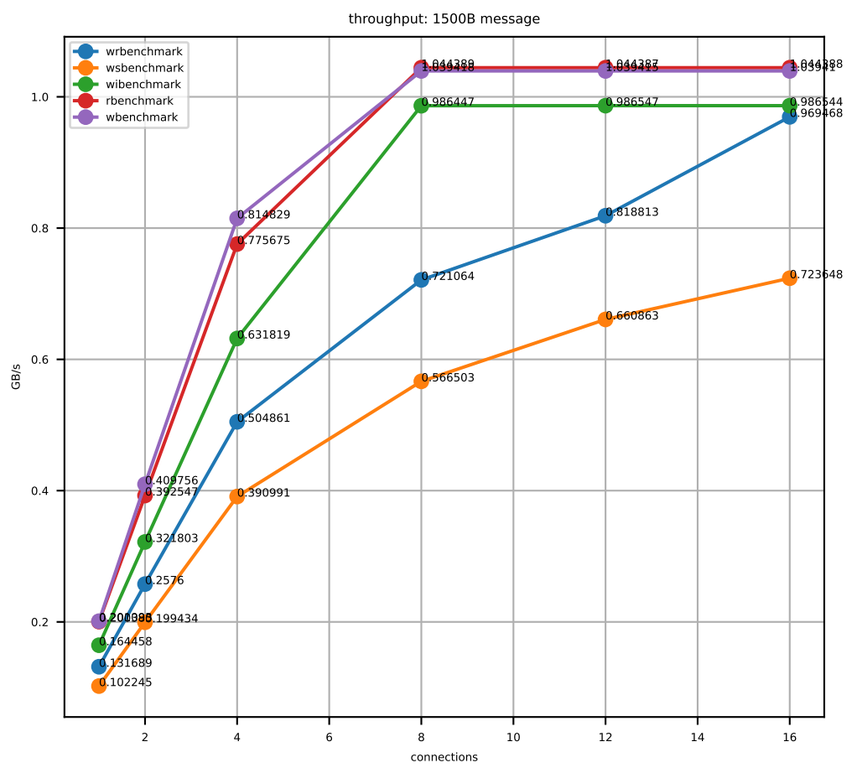

avg. jitter: 1200B message
ns
connections
683
635
488
322
250
161
304
277
295
151
114
86
248
243
222
130
106
88
83
71
61
58
100
94
88
85
70
61
41

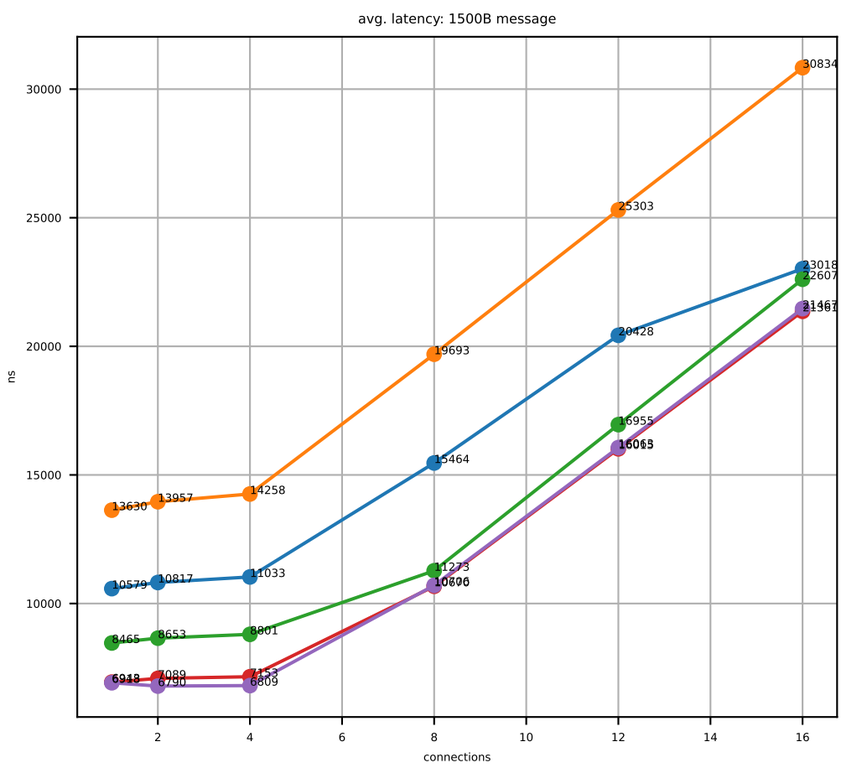

throughput: 12288B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
0.691545
0.674914
0.619103
0.559117
0.383491
0.624986
0.827768
0.904105

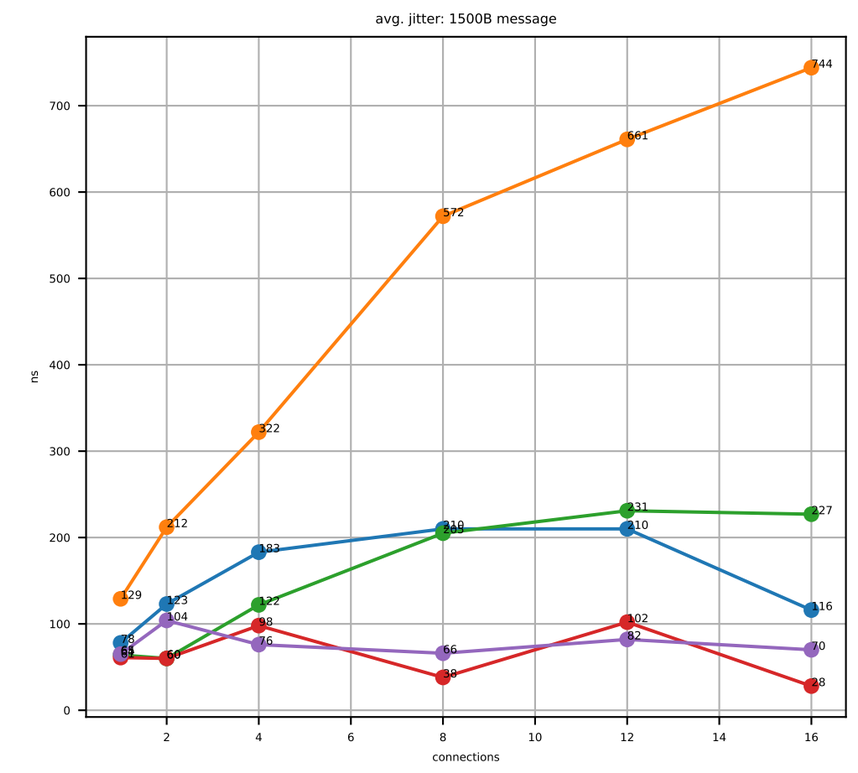

avg. latency: 12288B message
ns
connections
29808
36568
50582
20430
27612
42486

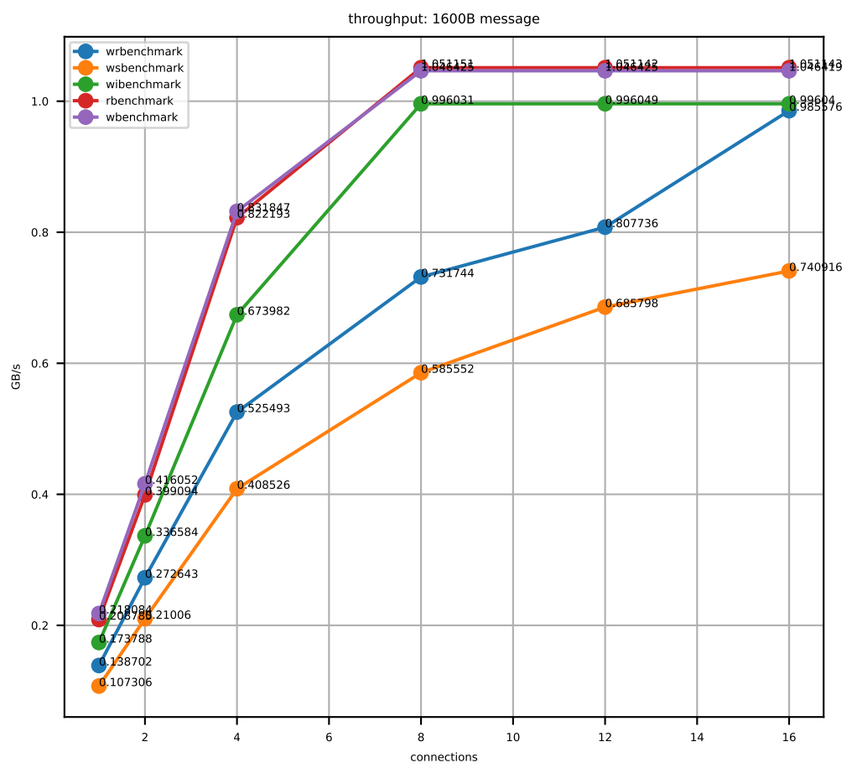

avg. jitter: 12288B message
ns
connections
51532
34356
32294
29352
28177
28589
25907
22249
21496
18405
16469
13875
9596
4965
608

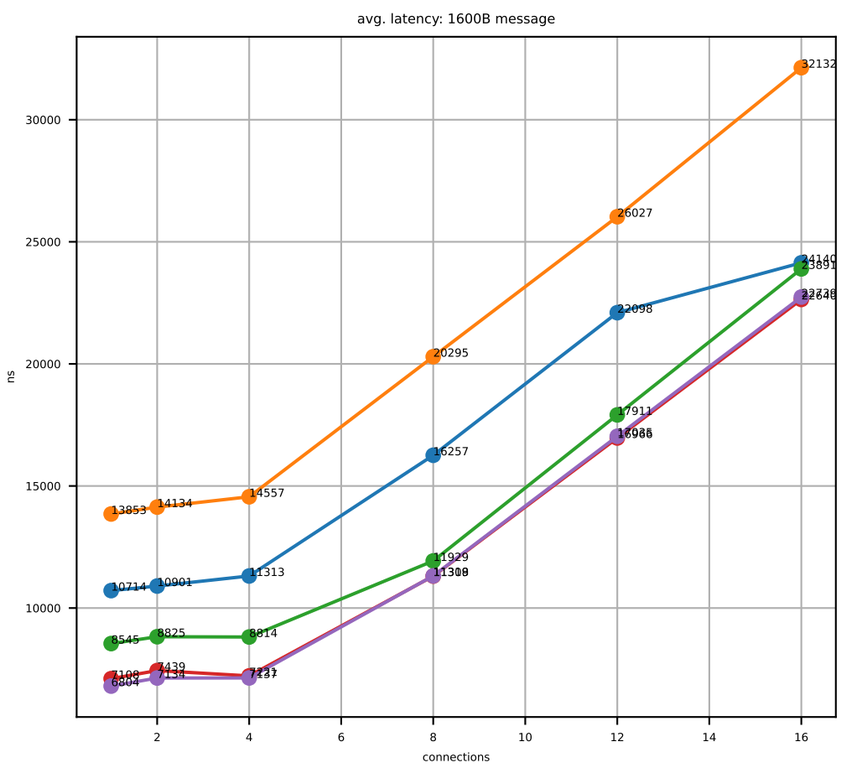

throughput: 1400B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
avg. latency: 1400B message
ns
connections
avg. jitter: 1400B message
ns
connections

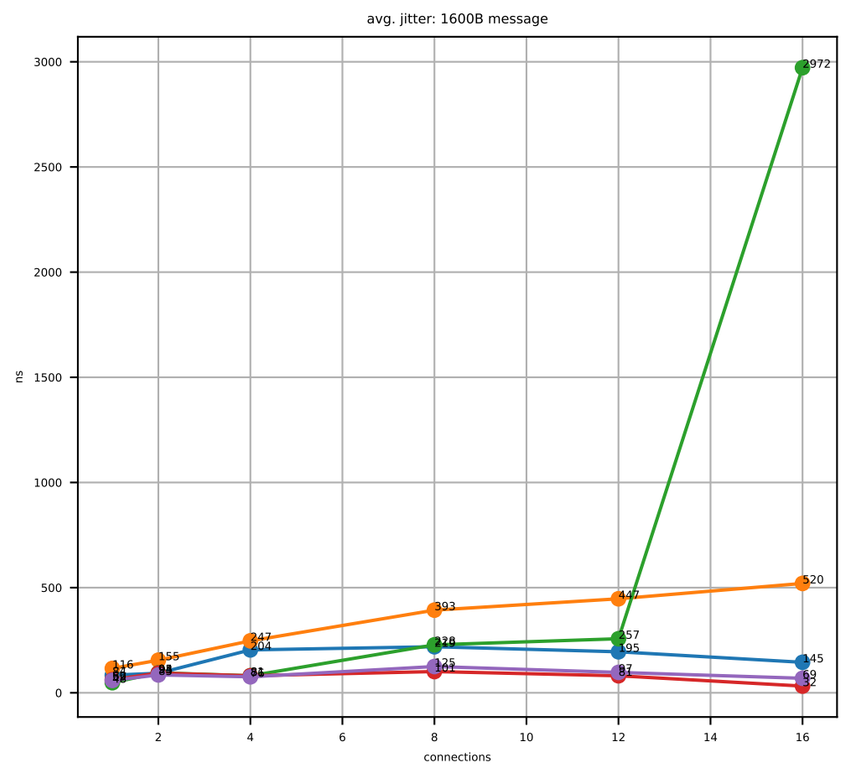

throughput: 1500B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.2
0.4
0.6
0.8
1.0
2
4
6
8
10
12
14
16
0.102245
0.131689
0.164458
0.199434
0.2576
0.321803
0.392547
0.409756
0.504861
0.631819
0.775675
0.814829
0.721064
0.818813
0.986447
0.986547
0.986544
0.969468
0.566503
0.660863
0.723648
0.390991

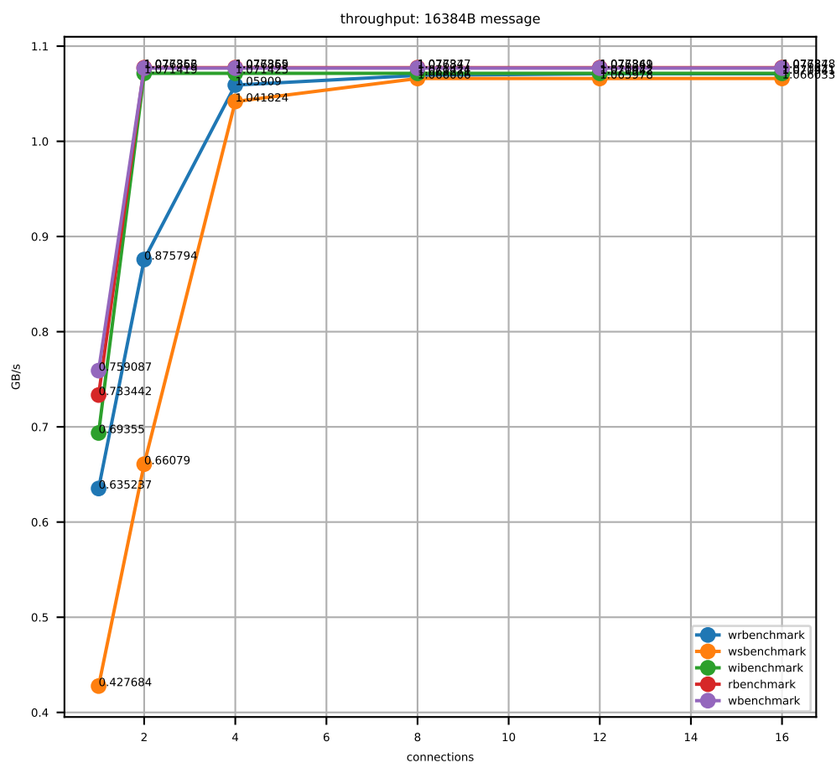

avg. latency: 1500B message
ns
connections
10000
15000
20000
25000
30000
2
4
6
8
10
12
14
16
13630
13957
14258
19693
25303
30834
10579
10817
11033
15464
20428
23018
8465
8653
8801
11273
16955
22607
6918
7089
7253
10706
16065
21467
6790
6809
10606
16015
21361

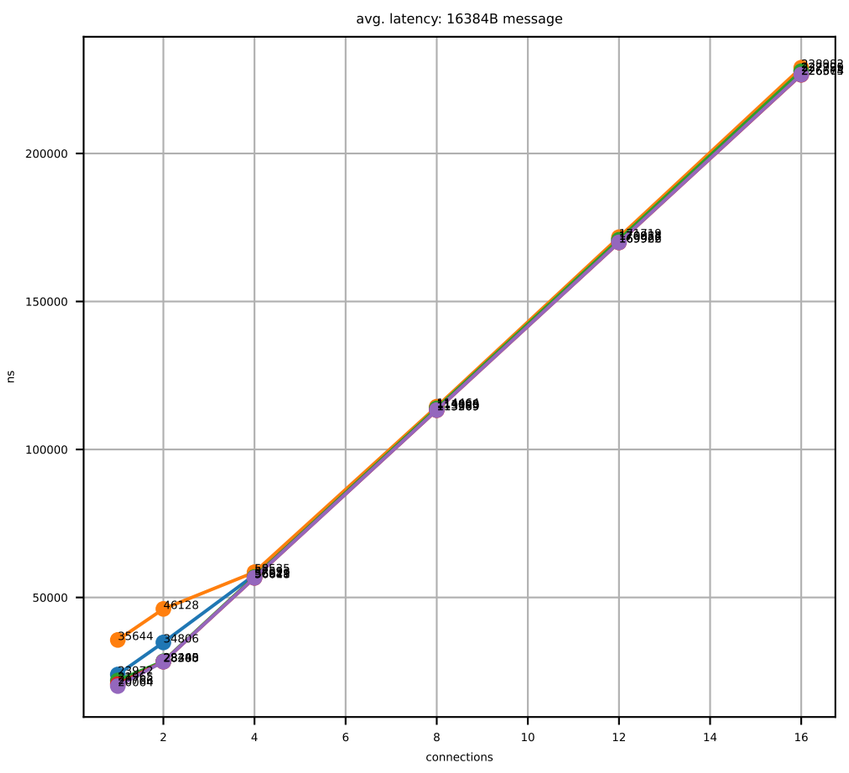

avg. jitter: 1500B message
ns
connections
0
100
200
300
400
500
600
700
2
4
6
8
10
12
14
16
129
212
322
572
661
744
123
183
210
210
116
78
104
98
102
28
122
231
227
76
66
82
70
60
38

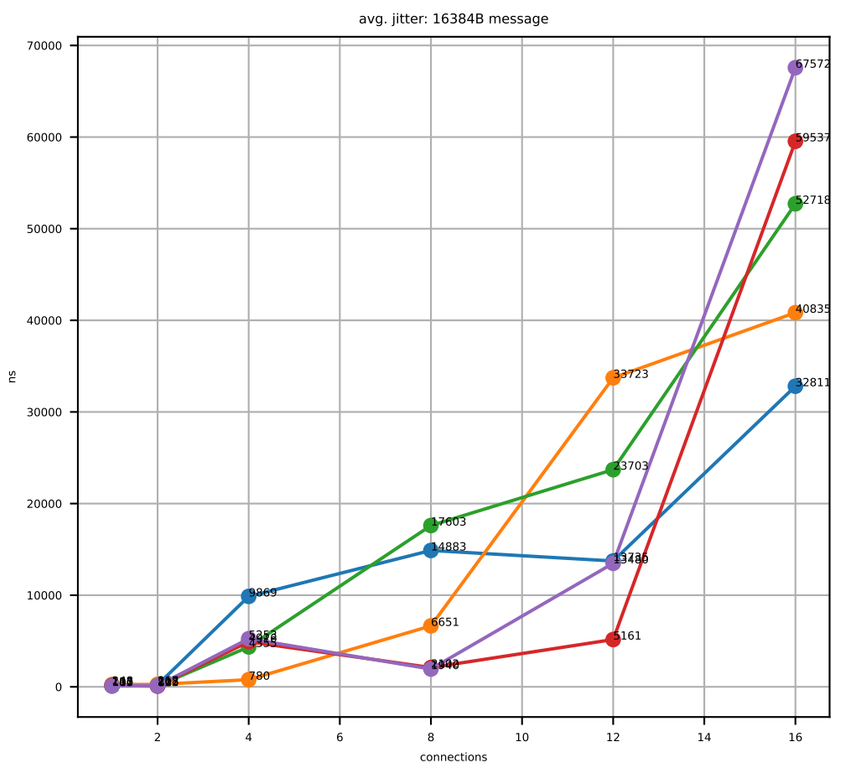

throughput: 1600B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.107306
0.138702
0.173788
0.208788
0.218084
0.221006
0.272643
0.336584
0.369094
0.416052
0.525493
0.673982
0.731744
0.807736
0.822193
0.831847
0.985576
0.996031
0.996049
0.408526
0.585552
0.685798
0.740916

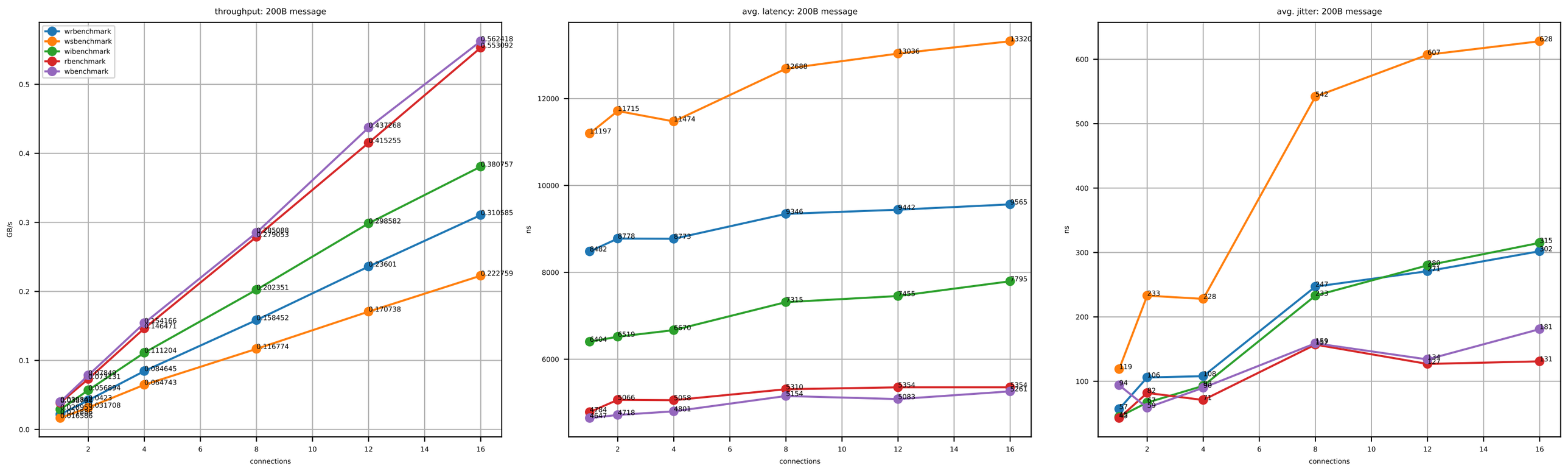

avg. latency: 1600B message
ns
connections
13853
14134
14557
20295
26027
32132
10714
10901
11313
16257
22098
24140
8545
8825
8814
11929
17911
23891
6804
7134
7237
11308
16986
22646

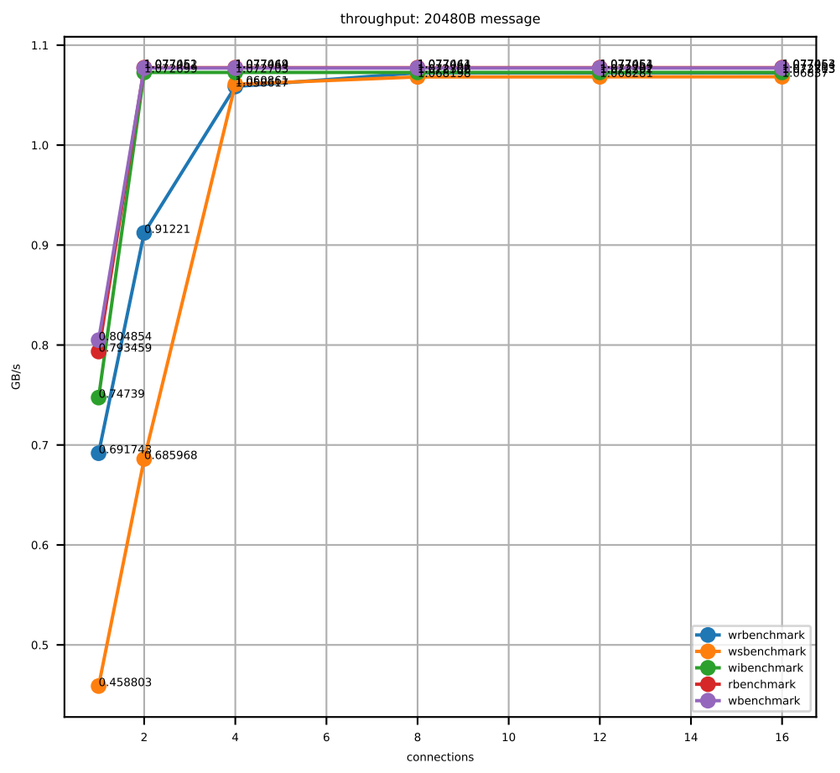

avg. jitter: 1600B message
ns
connections
116
155
247
393
447
520
145
195
204
257
2972
59
81
87
97
125
32

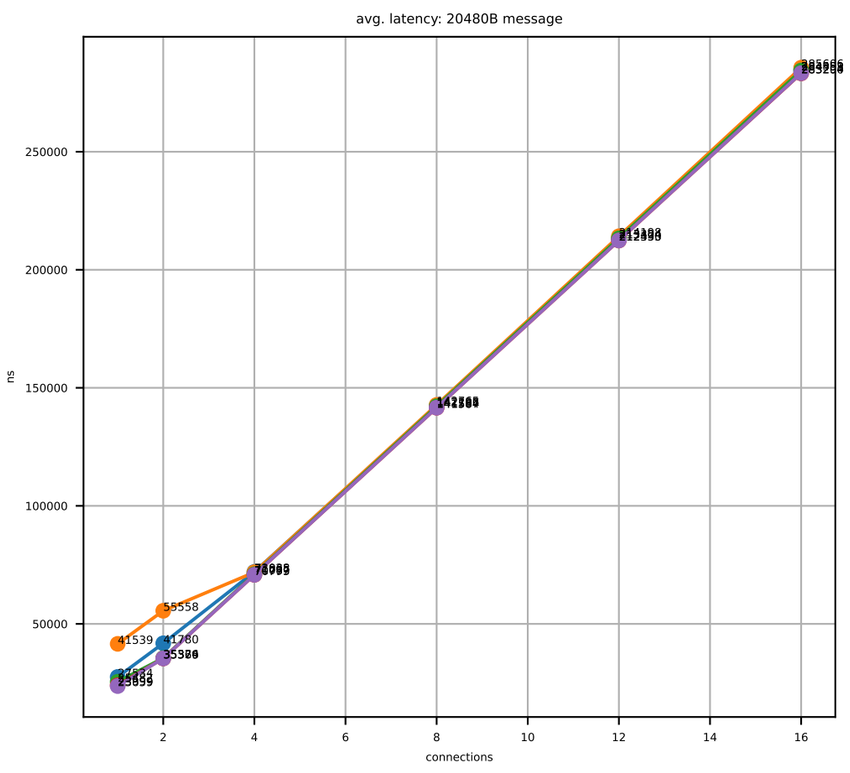

throughput: 16384B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark

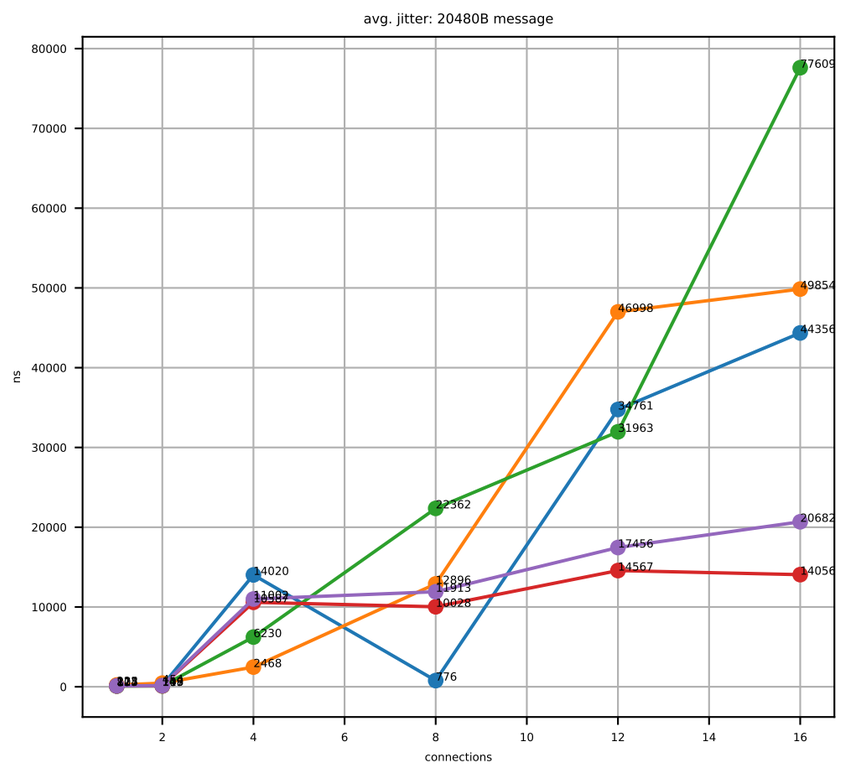

avg. latency: 16384B message
ns
connections

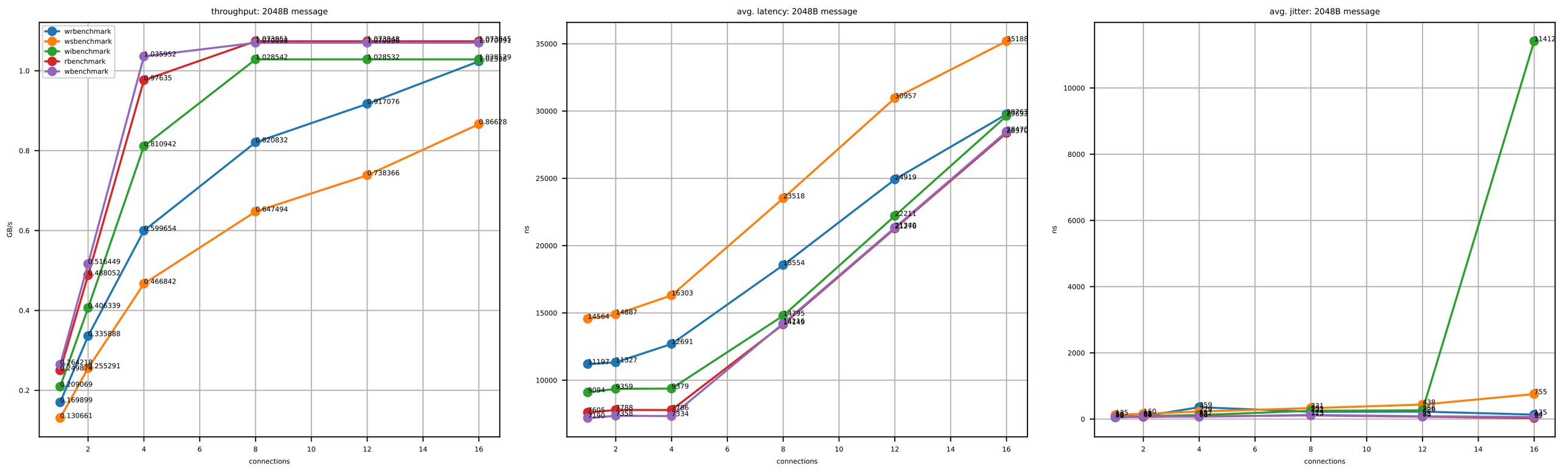

avg. jitter: 16384B message
ns
connections

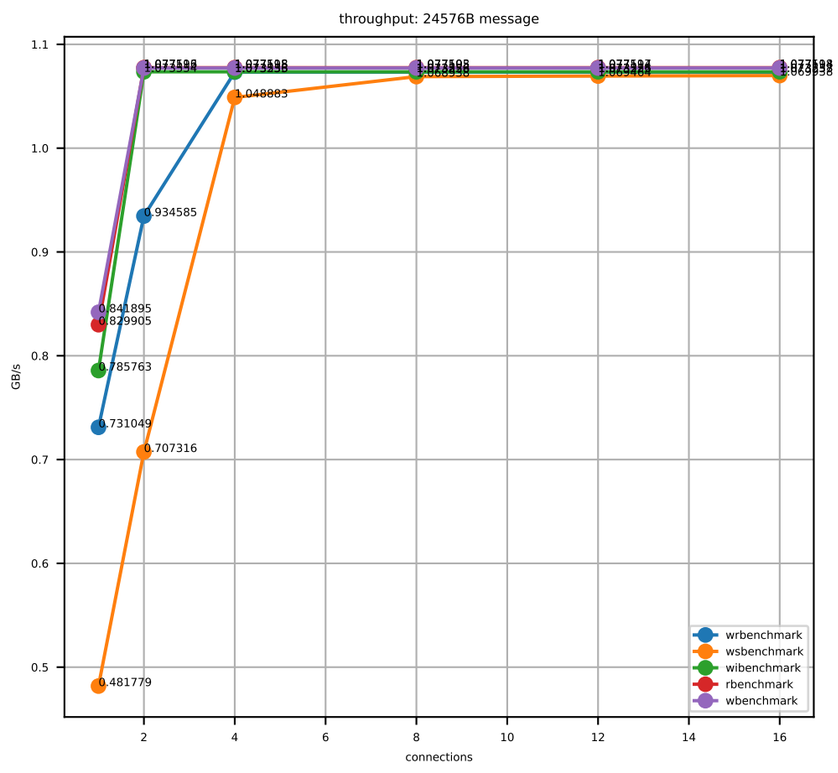

throughput: 200B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
avg. latency: 200B message
ns
connections
avg. jitter: 200B message
ns
connections

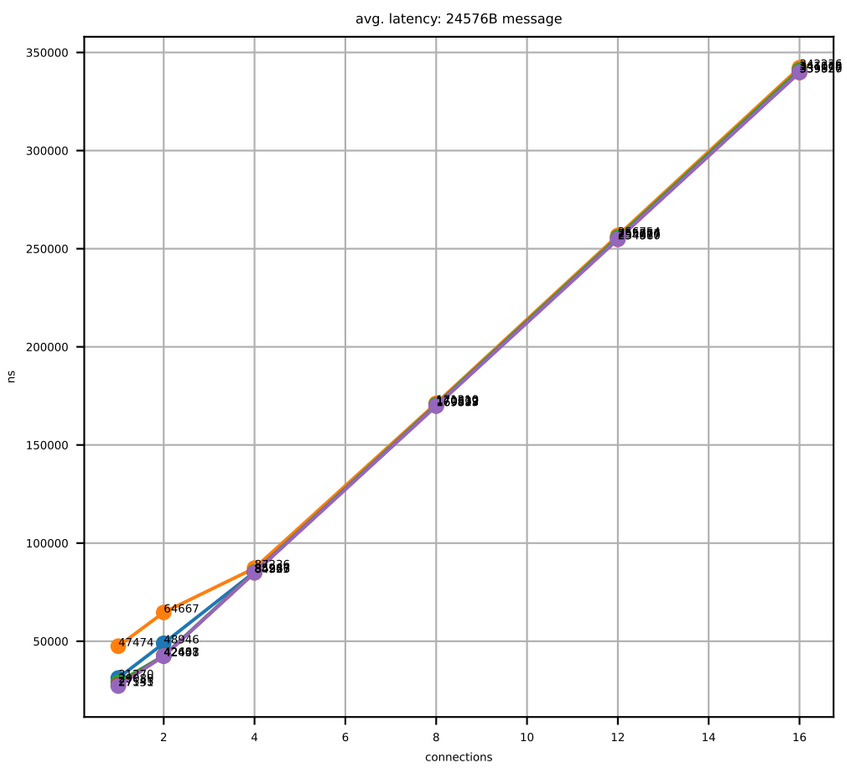

throughput: 20480B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
0.91221
0.804854
0.793459
0.74739
0.691748
0.685968
0.458803

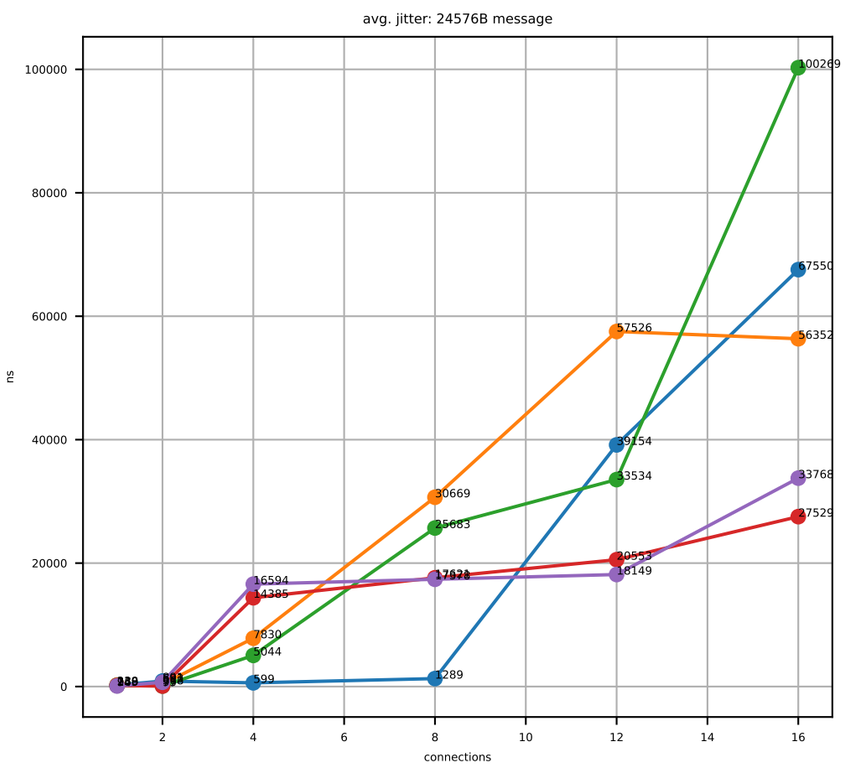

avg. latency: 20480B message
ns
connections
55558
41539
41780

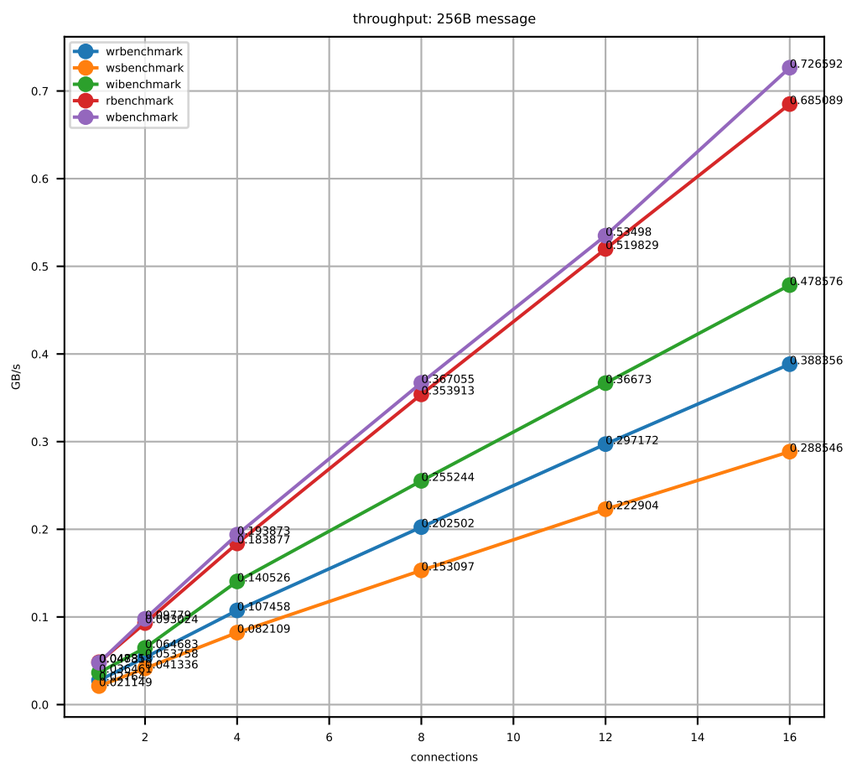

avg. jitter: 20480B message
ns
connections
77609
49854
46998
44356
34761
32363
31963
22362
20682
17456
14567
14056
14020
12896
11913
10028
6230
2468
776

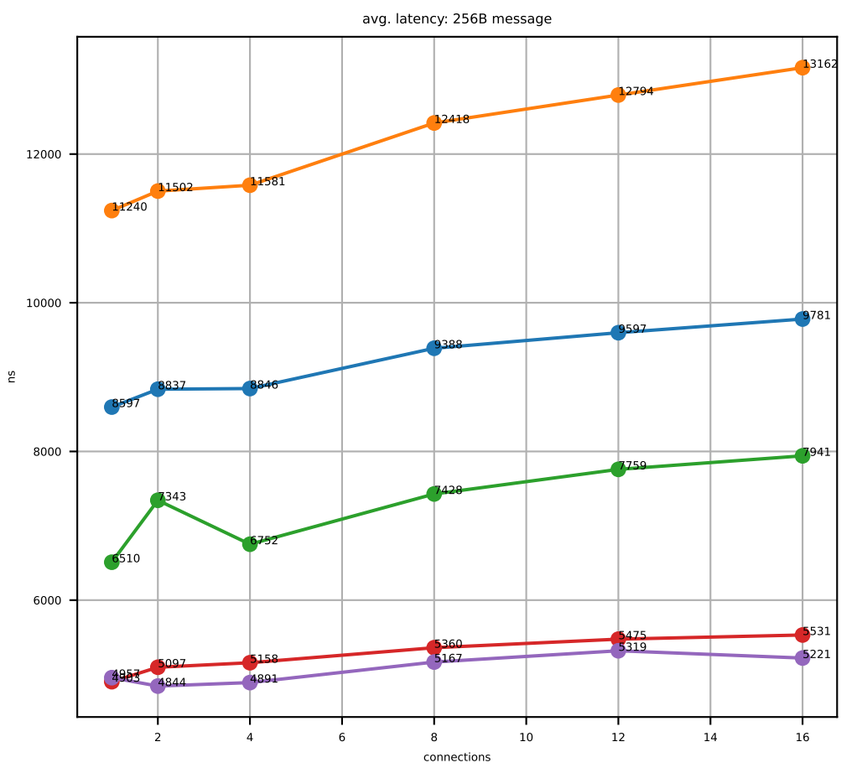

throughput: 2048B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
avg. latency: 2048B message
ns
connections
avg. jitter: 2048B message
ns
connections

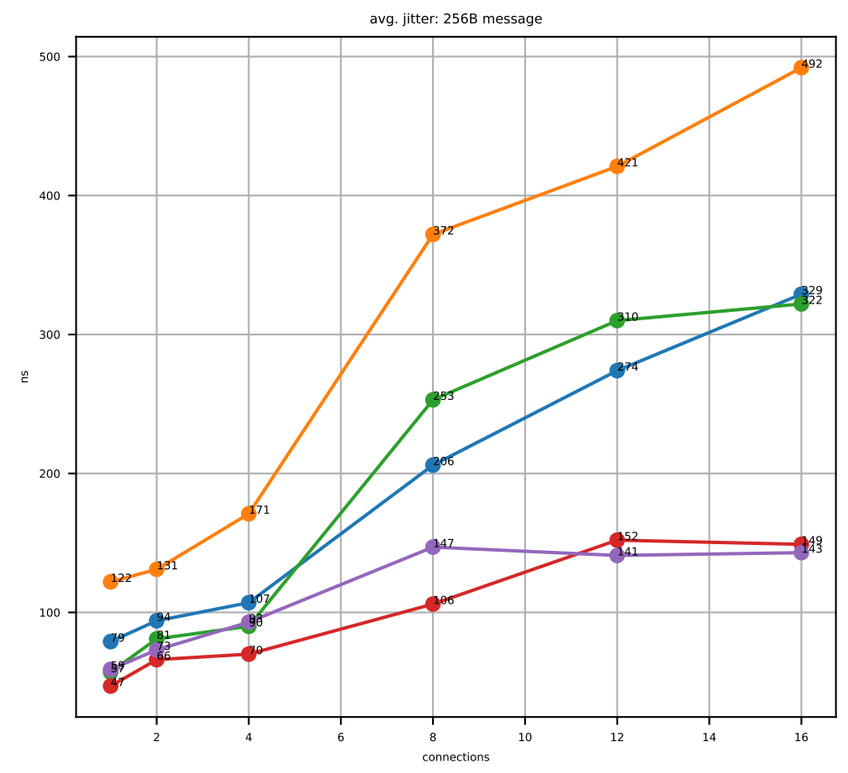

throughput: 24576B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
0.934585
0.841895
0.829905
0.785763
0.731049
0.707316
1.048883
0.481779

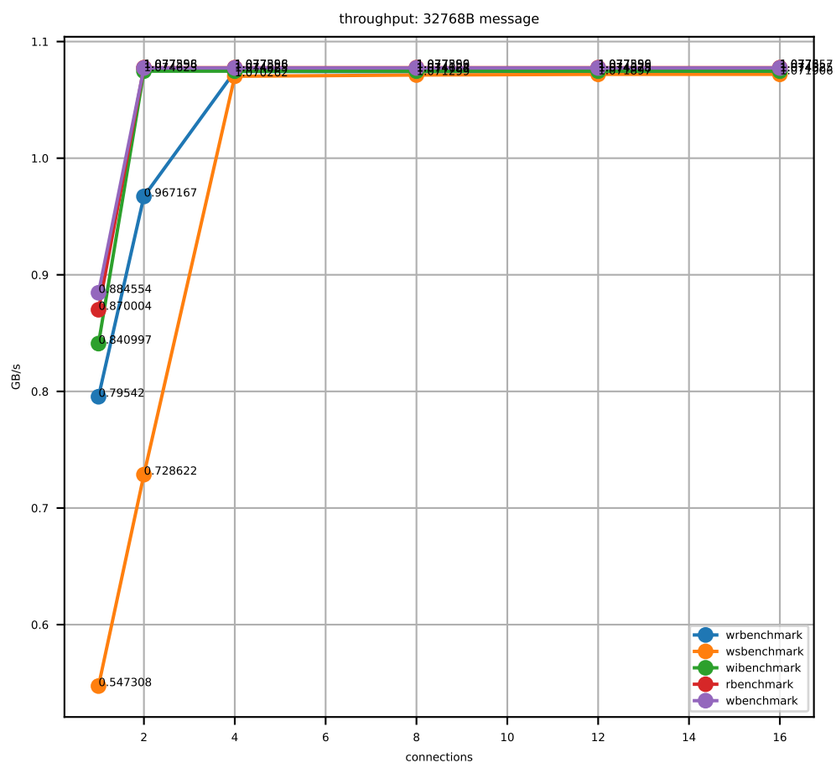

avg. latency: 24576B message
ns
connections
64667
47474
48946

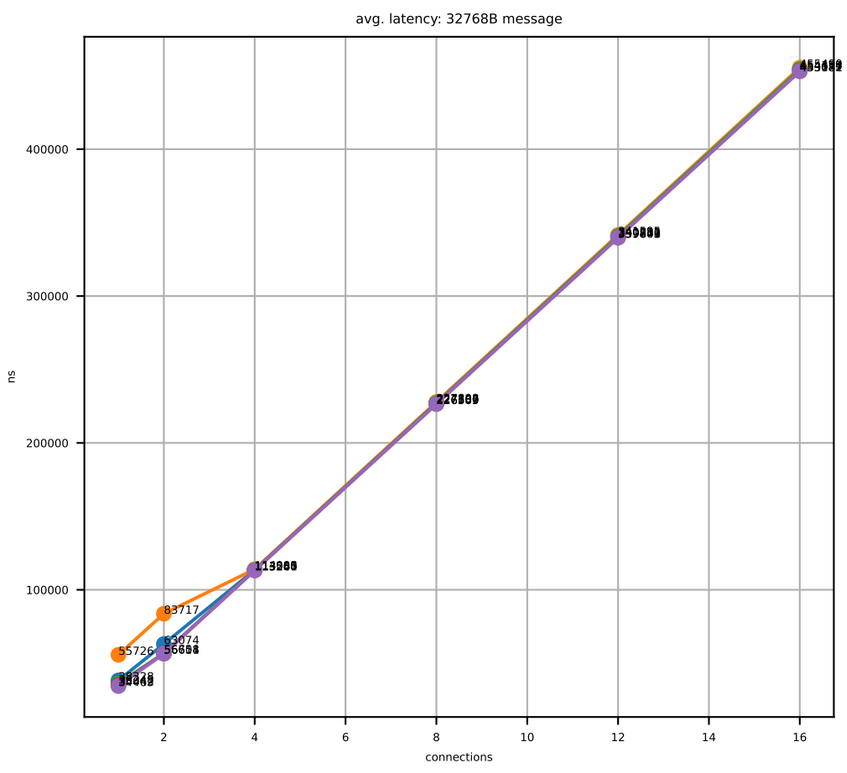

avg. jitter: 24576B message
ns
connections
100269
67550
57526
56352
39154
33534
33768
30669
25683
27529
20553
18149
16594
14385
7830
5044
1289
599

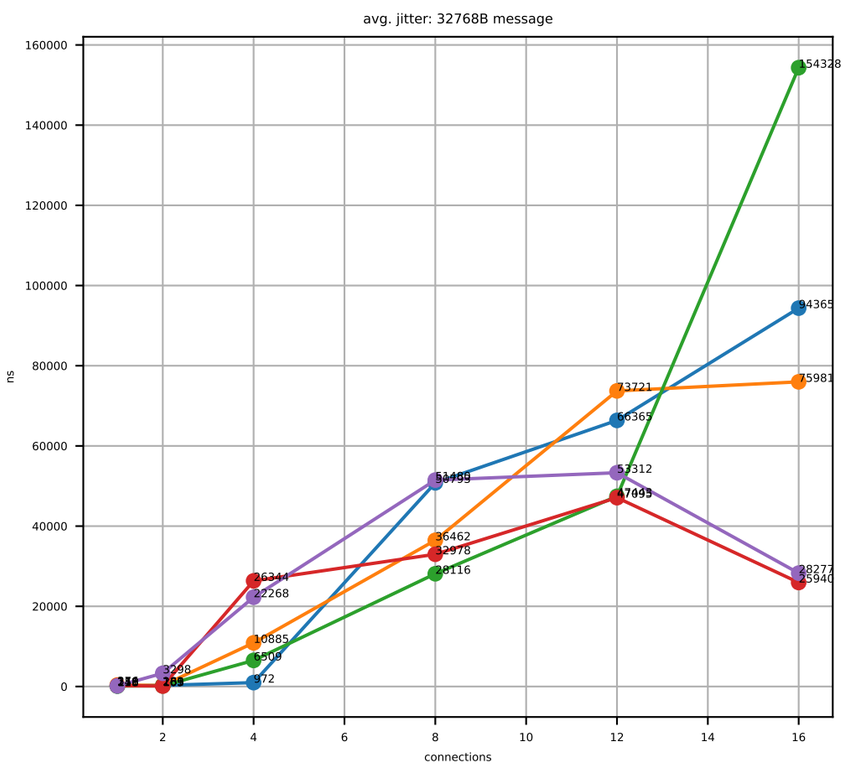

throughput: 256B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.726592
0.685089
0.53498
0.519829
0.478576
0.388356
0.367055
0.353913
0.36673
0.297172
0.288546
0.255244
0.222904
0.202502
0.193873
0.183877
0.153097
0.140526
0.107458
0.082109
0.064583
0.053758
0.041336
0.021149

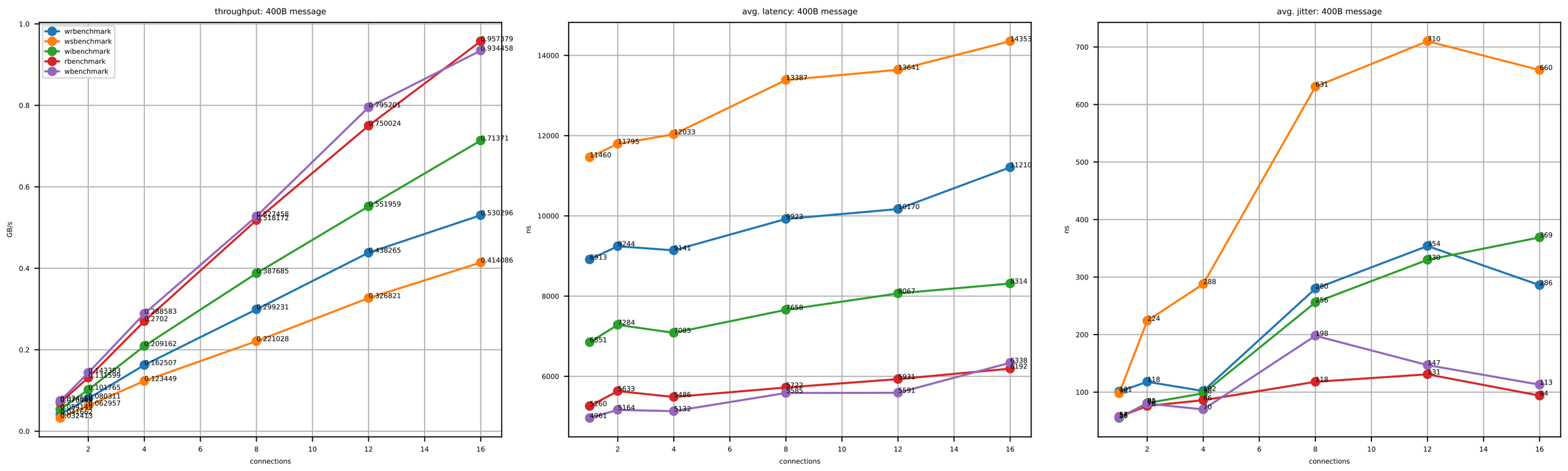

avg. latency: 256B message
ns
connections
13162
12794
12418
11581
11502
11240
9781
9597
9388
8846
8837
8597
7941
7759
7428
7343
6752
6510
5531
5475
5360
5158
5097
4953
5221
5319
5167
4891
4844

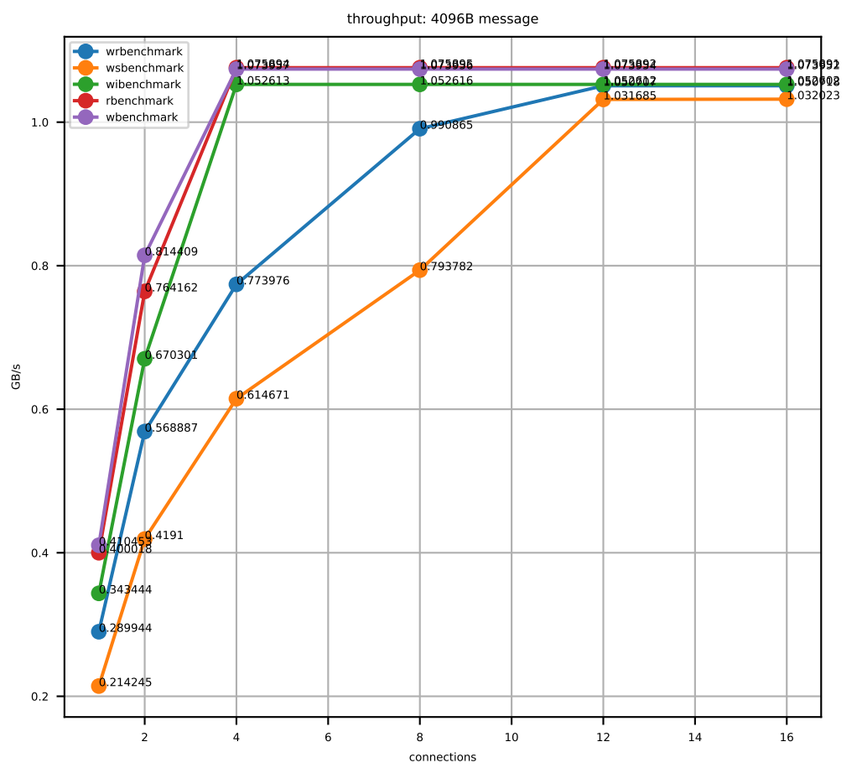

avg. jitter: 256B message
ns
connections
492
421
372
329
322
310
293
274
206
171
152
149
147
143
141
131
122
107
106
94
81
79
73
70
66
59
47

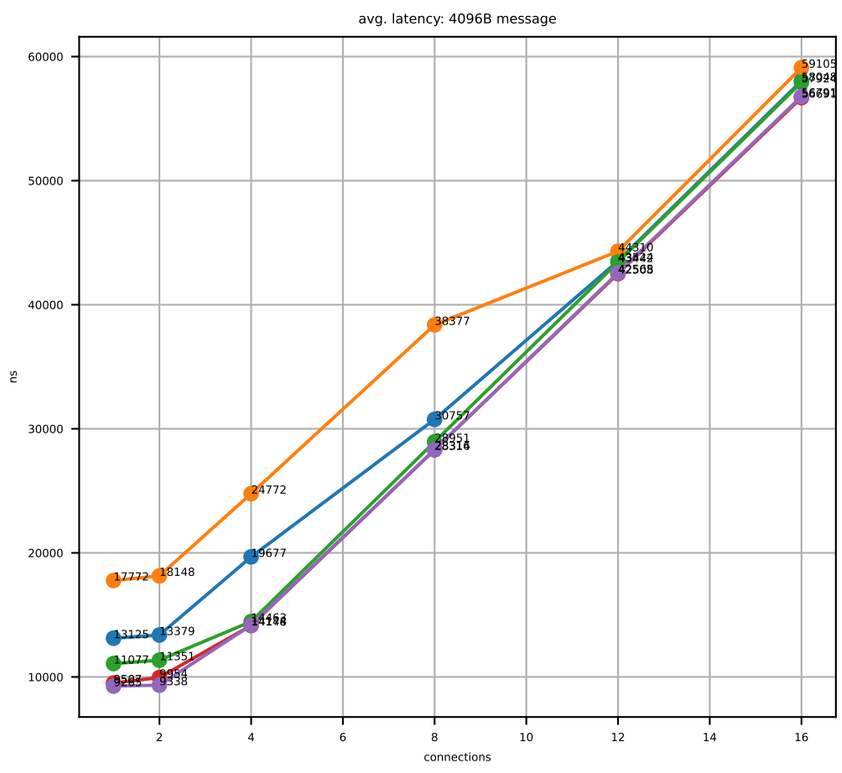

throughput: 32768B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
0.967167
0.884554
0.870004
0.840997
0.79542
0.728622
0.547308

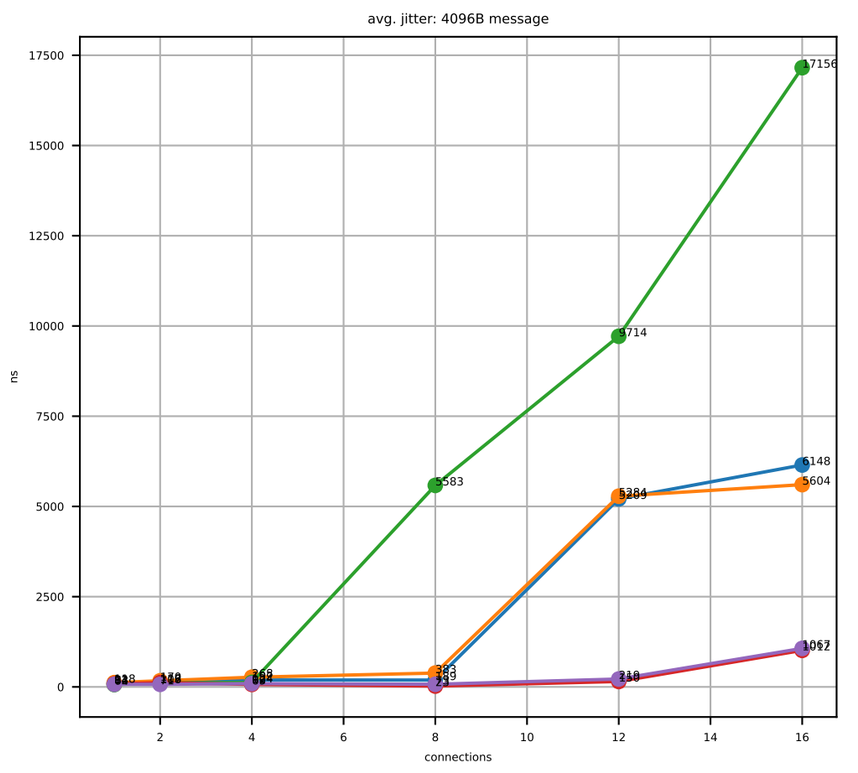

avg. latency: 32768B message
ns
connections
83717
55726
63074

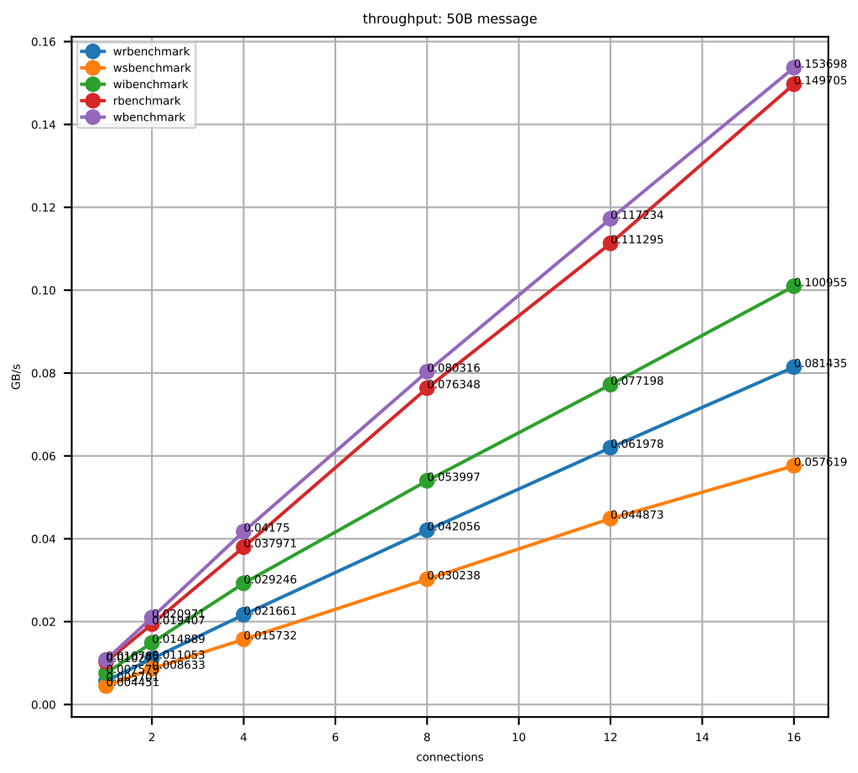

avg. jitter: 32768B message
ns
connections
154328
94365
75981
73721
66365
53312
36462
32978
28116
26344
22268
10885
6509
3298
972
28277
25940

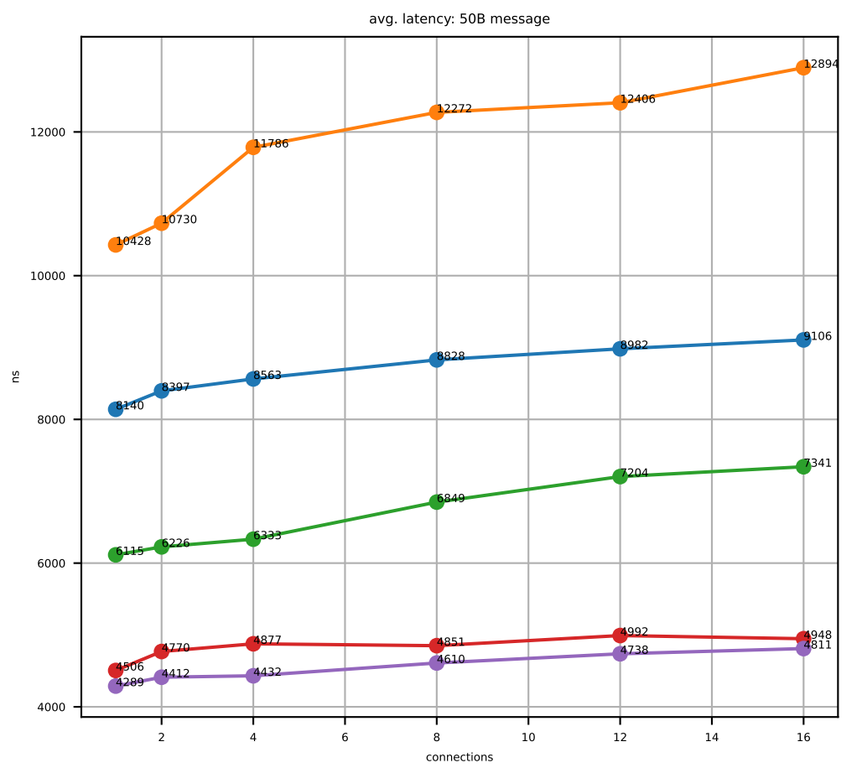

throughput: 400B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.957379
0.934458
0.795201
0.750024
0.71371
0.551959
0.530296
0.527458
0.516172
0.438265
0.414086
0.387685
0.326821
0.299231
0.221028
0.209162
0.188583
0.2702
0.162507
0.143383
0.131599
0.123449
0.101765
0.080311
0.062957
avg. latency: 400B message
ns
connections
14353
13641
13387
12033
11795
11460
11210
10170
9923
9244
9141
8913
8314
8067
7658
7284
7085
6851
6338
6192
5931
5722
5633
5585
5591
5486
5260
5164
5132
4961
avg. jitter: 400B message
ns
connections
710
660
631
354
330
369
288
286
280
256
224
198
147
131
118
113
94
70

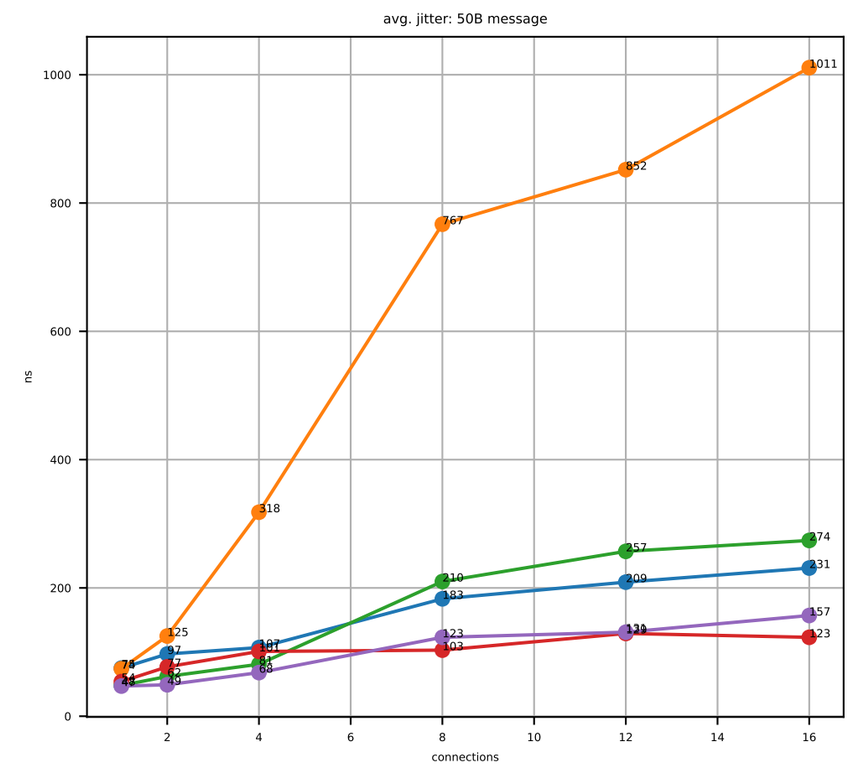

throughput: 4096B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.2
0.4
0.6
0.8
1.0
2
4
6
8
10
12
14
16
0.289944
0.343444
0.400018
0.410459
0.568887
0.670301
0.764162
0.814409
0.214245
0.4191
0.614671
0.773976
0.793782
0.990865
1.031685
1.032023
1.052613
1.052616

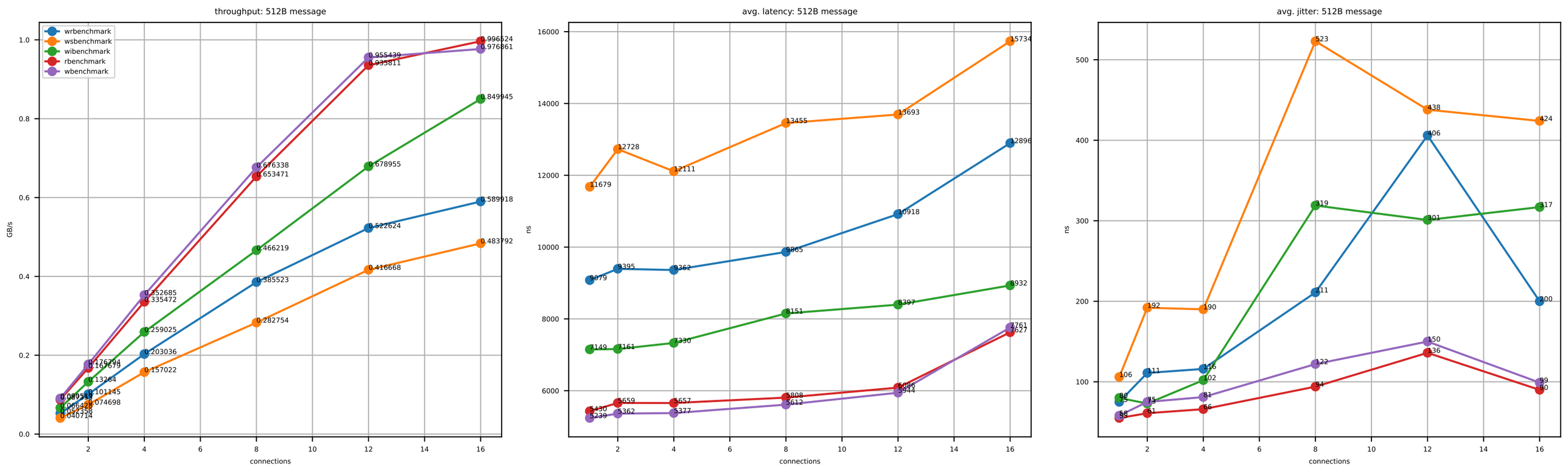

avg. latency: 4096B message
ns
connections
10000
20000
30000
40000
50000
60000
2
4
6
8
10
12
14
16
17772
18148
24772
38377
13125
13379
19677
30757
11077
11351
14163
14178
9587
9838
9285
9538
42503
43442
44310
59105

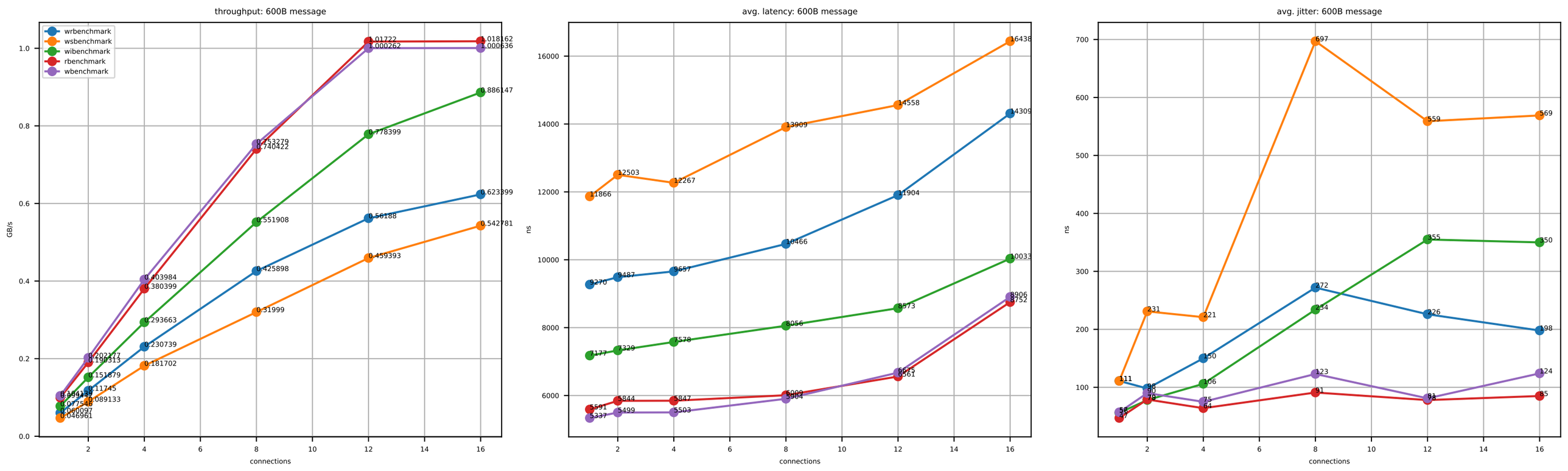

avg. jitter: 4096B message
ns
connections
0
2500
5000
7500
10000
12500
15000
17500
2
4
6
8
10
12
14
16
5583
9714
17156
5284
5604
6148
1057
1067

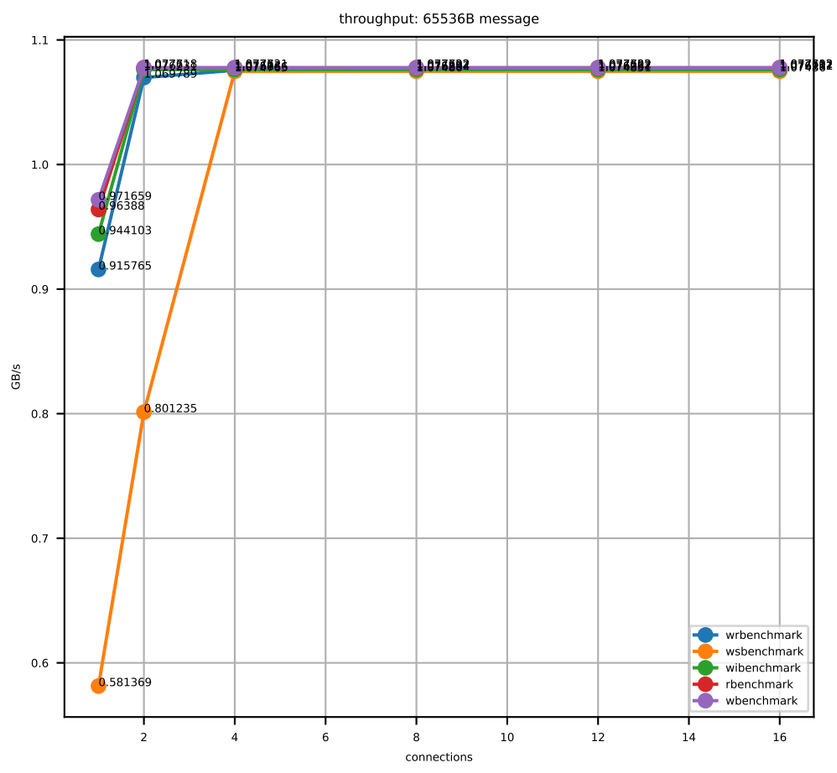

throughput: 50B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
0.153698
0.149705
0.117234
0.111295
0.080316
0.076348
0.04175
0.037971
0.100955
0.077198
0.053997
0.029246
0.081435
0.061978
0.042056
0.021661
0.057619
0.044873
0.030238
0.015732

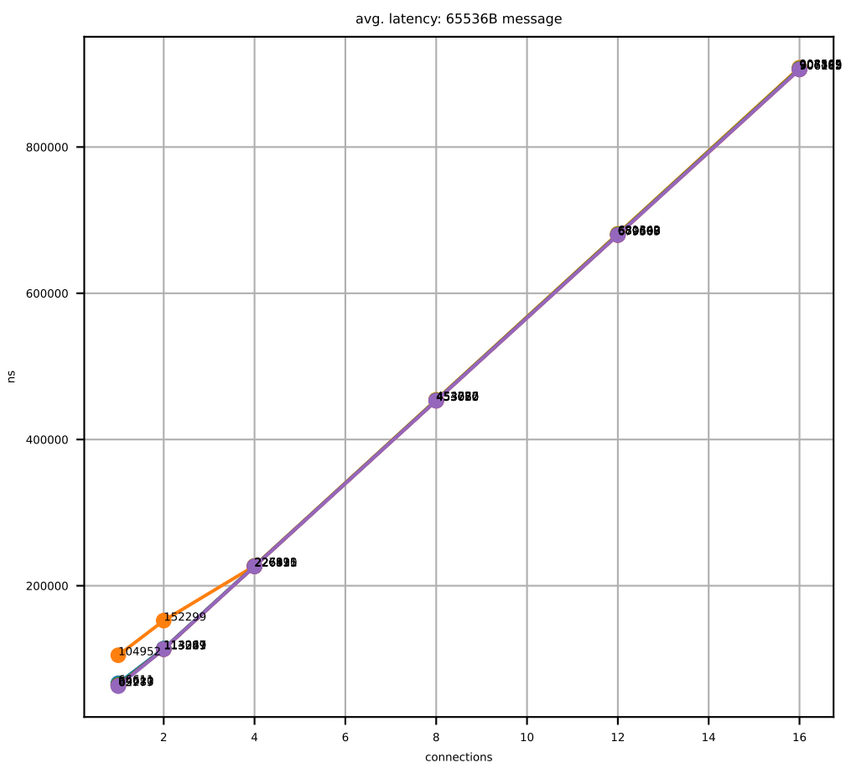

avg. latency: 50B message
ns
connections
12894
12406
12272
11786
10730
10428
9106
8982
8828
8563
8397
8140
7341
7204
6849
6333
6226
6115
4948
4992
4877
4851
4770
4506
4811
4738
4610
4432
4412
4289

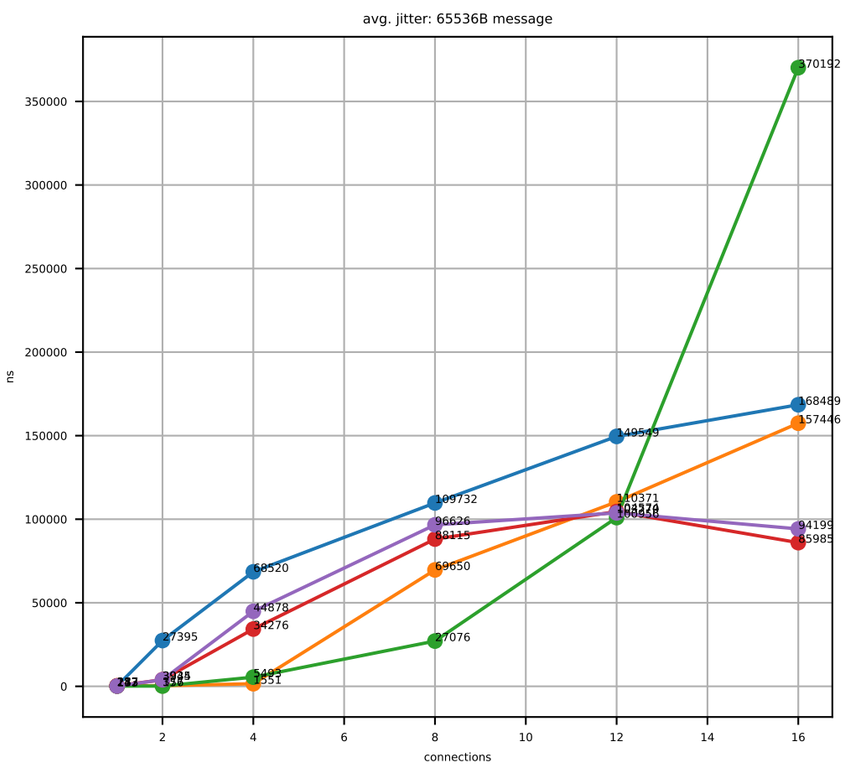

avg. jitter: 50B message
ns
connections
1011
852
767
318
125
274
257
210
231
209
183
157
123
103
97
49

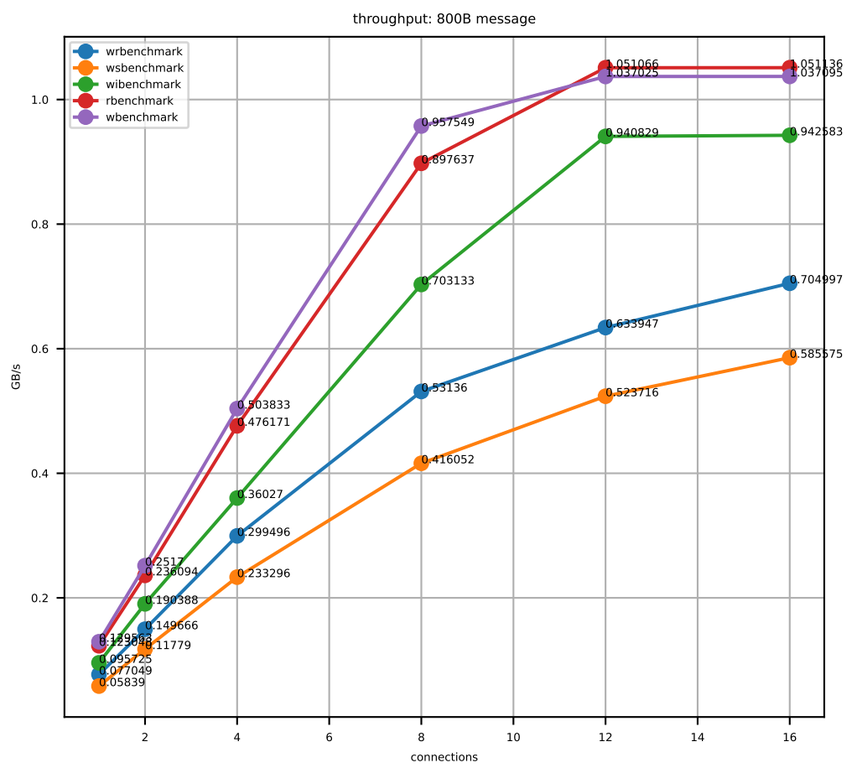

throughput: 512B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
avg. latency: 512B message
ns
connections
avg. jitter: 512B message
ns
connections

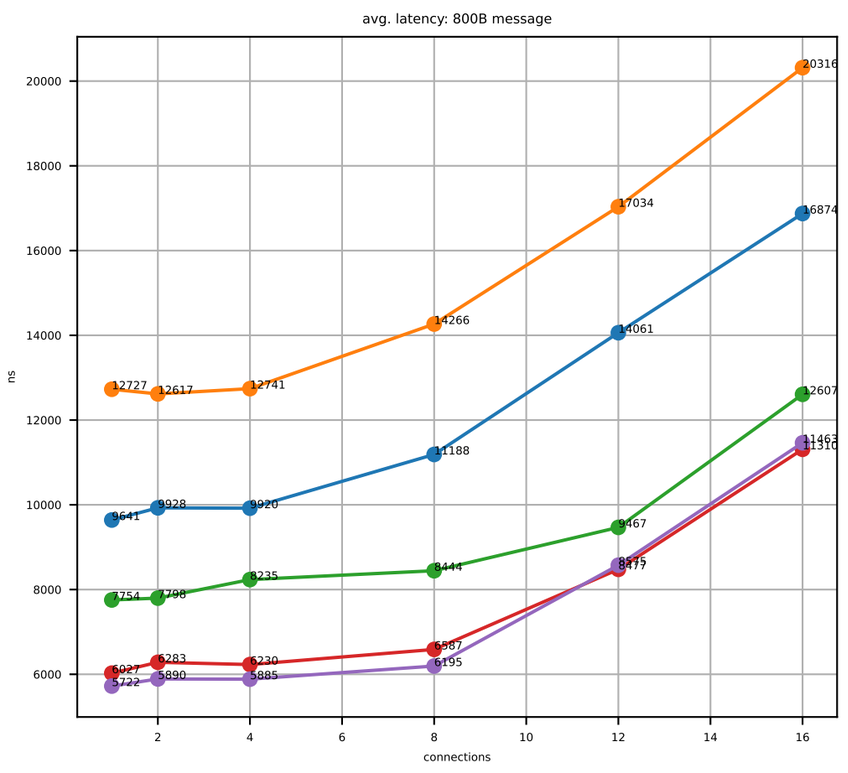

throughput: 600B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
avg. latency: 600B message
ns
connections
avg. jitter: 600B message
ns
connections

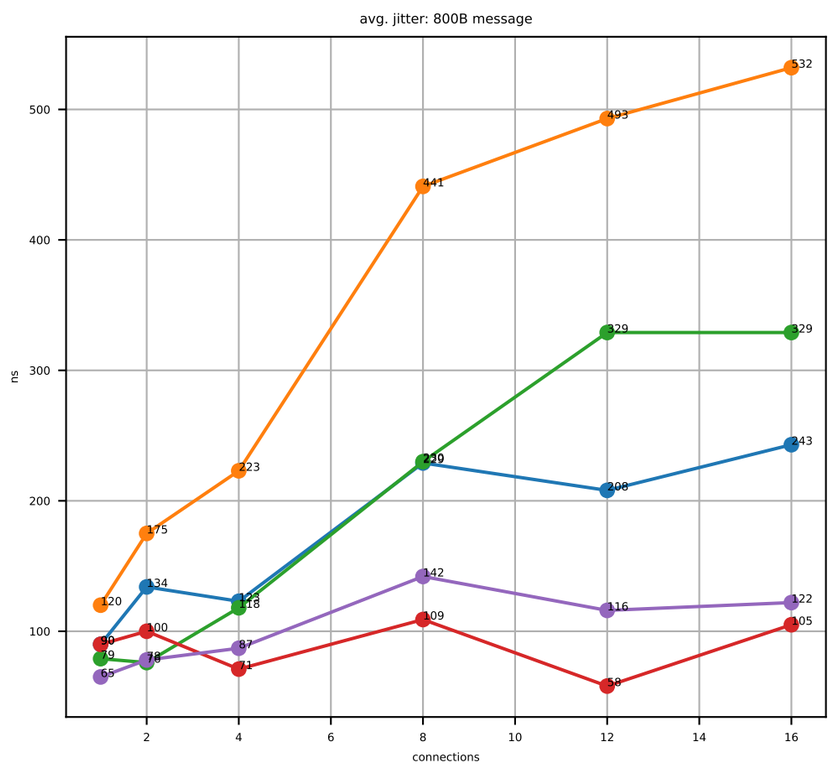

throughput: 65536B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
0.971659
0.96388
0.944103
0.915765
0.801235
0.581369

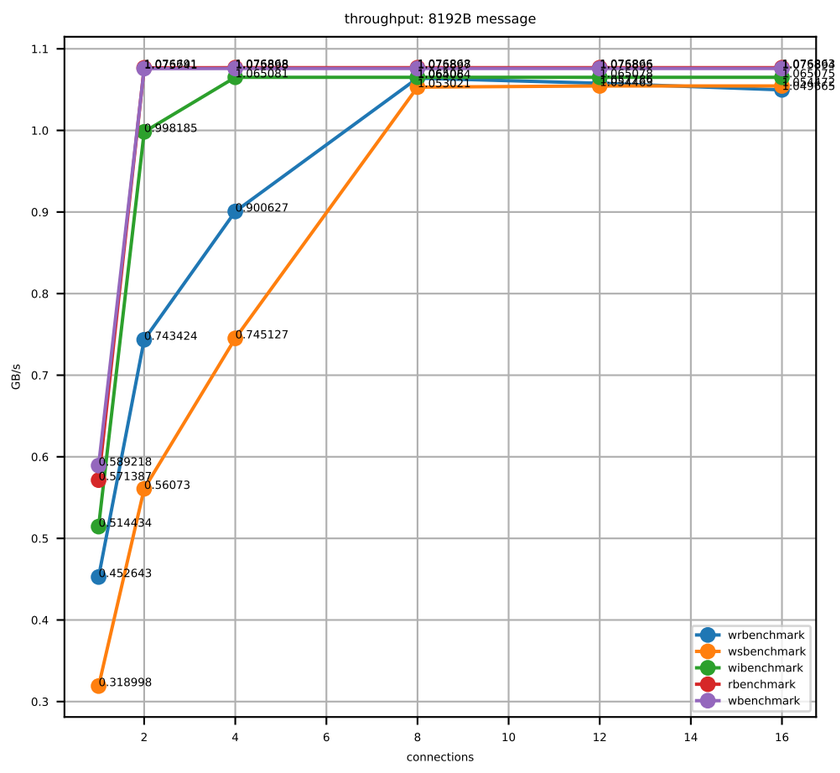

avg. latency: 65536B message
ns
connections
152299

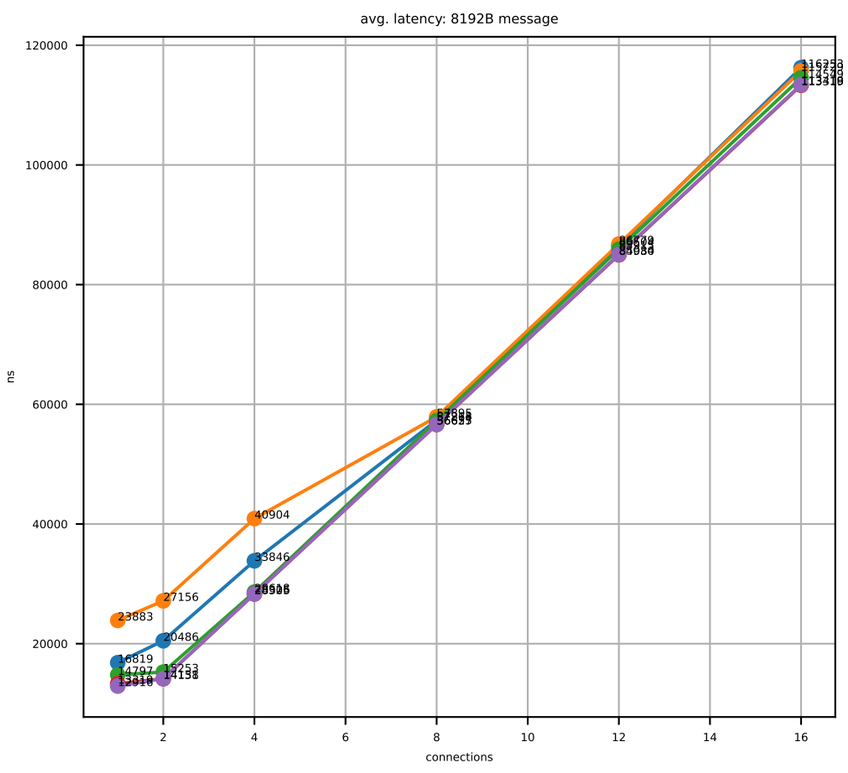

avg. jitter: 65536B message
ns
connections
370192
168489
157446
149549
110371
109732
96626
94199
88115
85985
69650
68520
44878
34276
27395
27076
1551

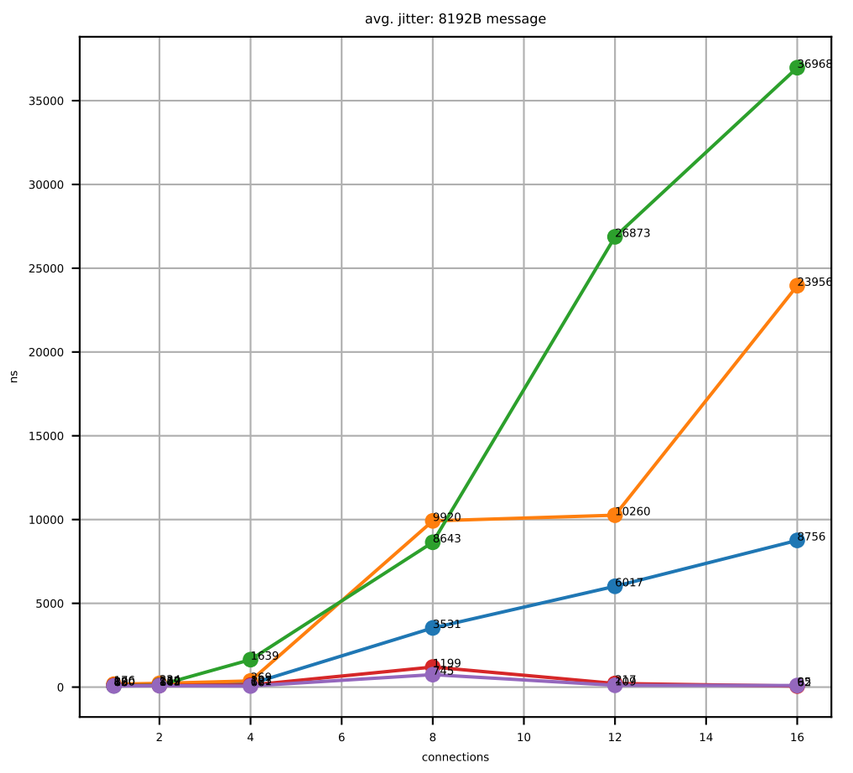

throughput: 800B message
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
connections
1.051066
1.051136
1.037025
1.037095
0.957549
0.897637
0.940829
0.942583
0.703133
0.704997
0.633947
0.53136
0.585575
0.523716
0.503833
0.476171
0.416052
0.36027
0.299496
0.233296
0.25517
0.236094
0.190388
0.149666
0.11779
0.095725
0.077049
0.05839

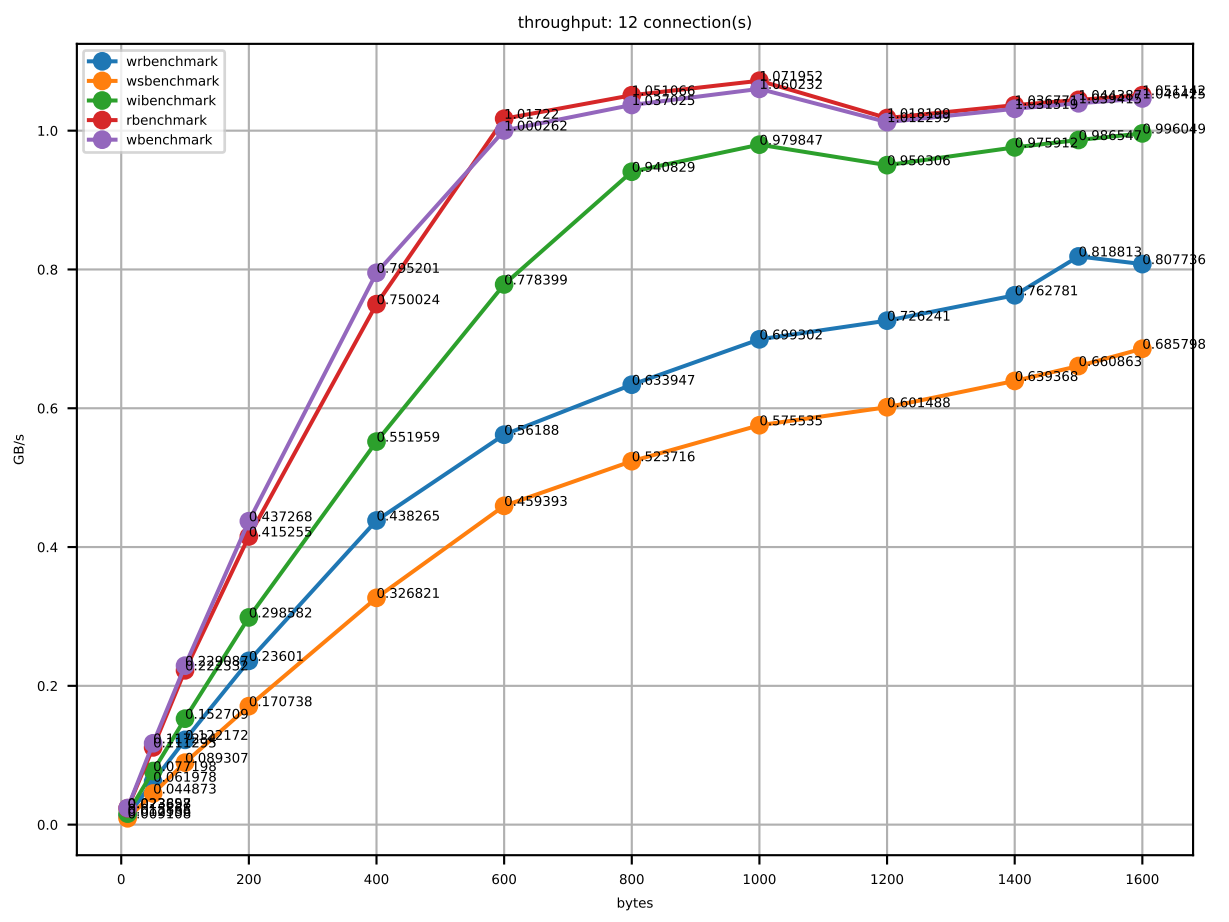

avg. latency: 800B message
ns
connections
20316
17034
14266
12727
12617
12741
16874
14061
11188
9641
9928
9920
12607
9467
8444
8235
7754
7798
11463
11310
8577
8515
6587
6283
6230
6027
5890
5885
6195
5722

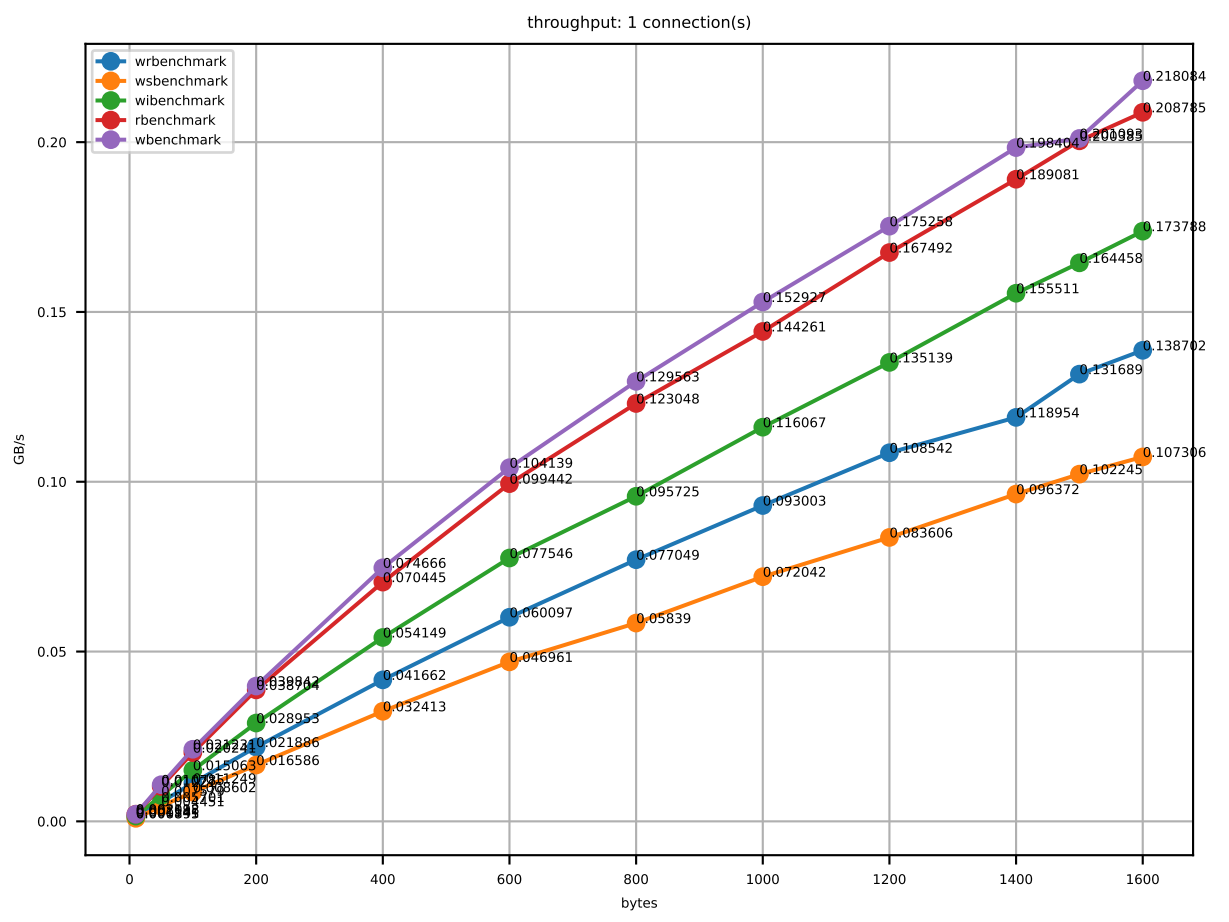

avg. jitter: 800B message
ns
connections
532
493
441
223
175
120
329
329
243
208
134
118
142
116
122
109
105
100
87
78
71
58
90
79
66

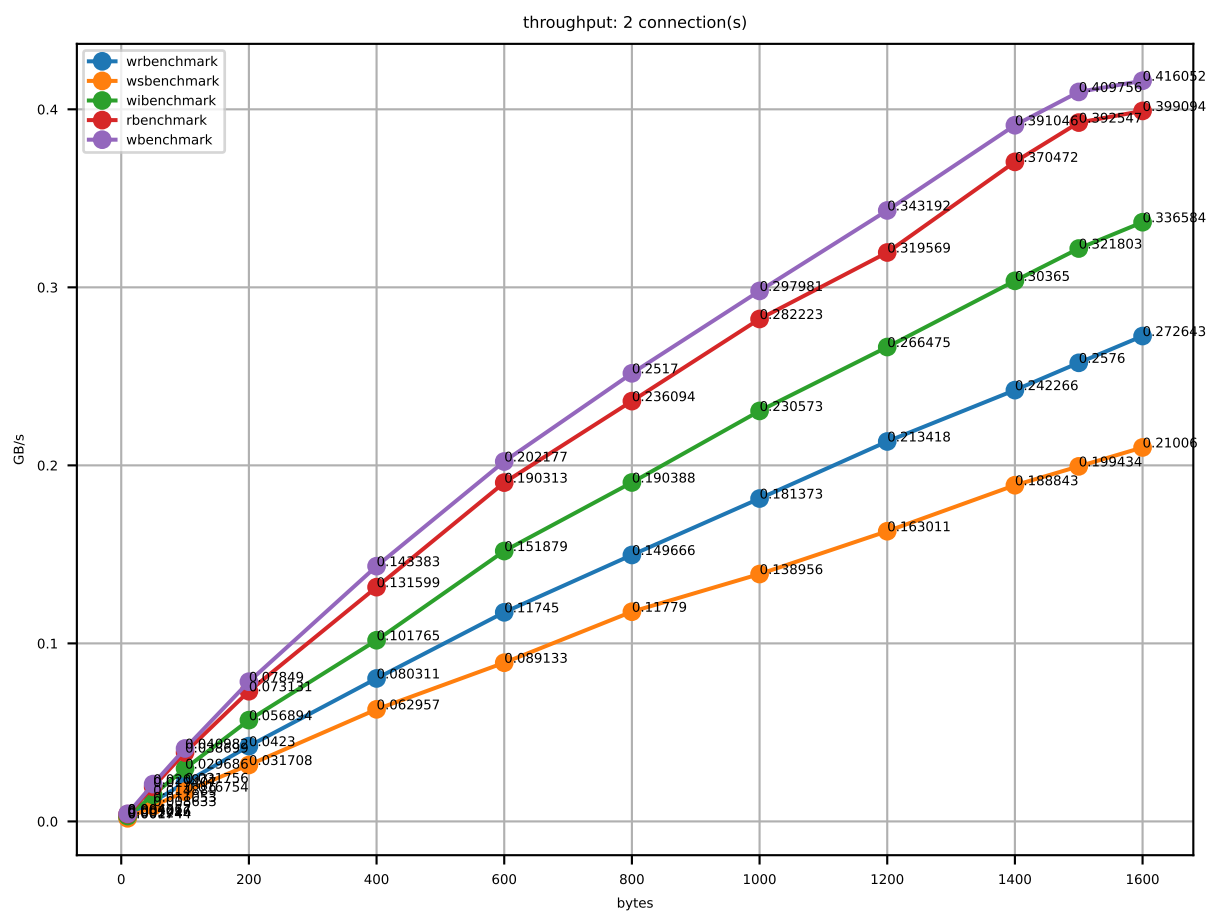

throughput: 8192B message
GB/s
connections
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark

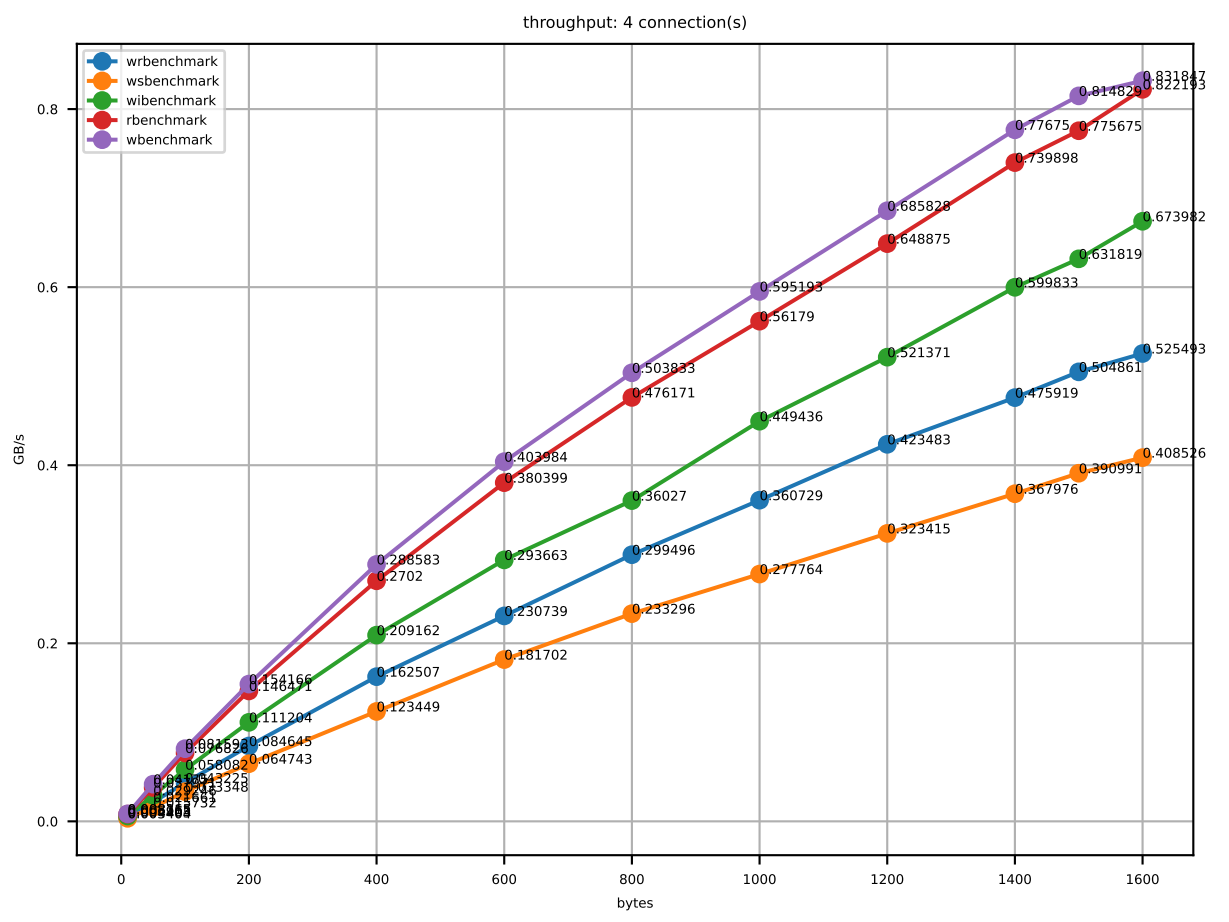

avg. latency: 8192B message
ns
connections

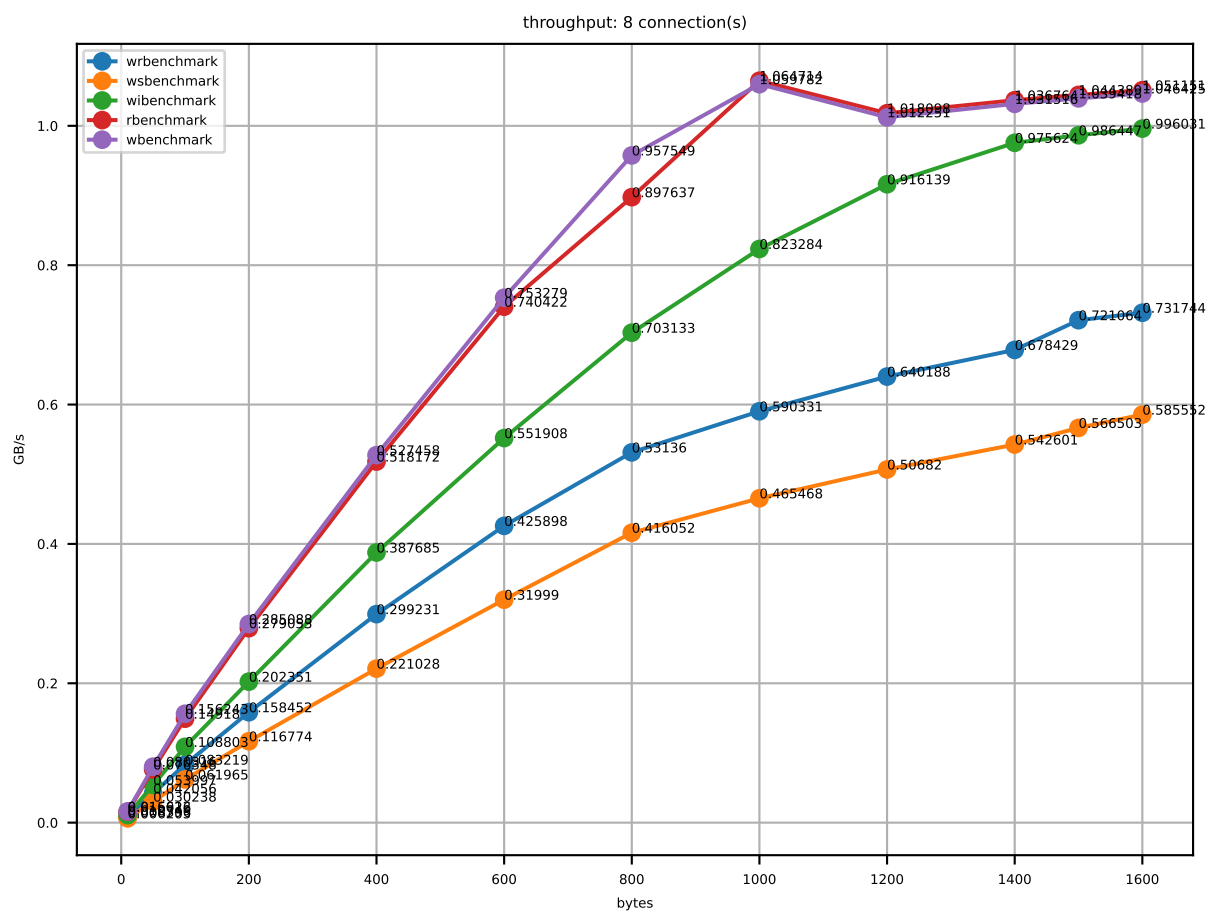

avg. jitter: 8192B message
ns
connections

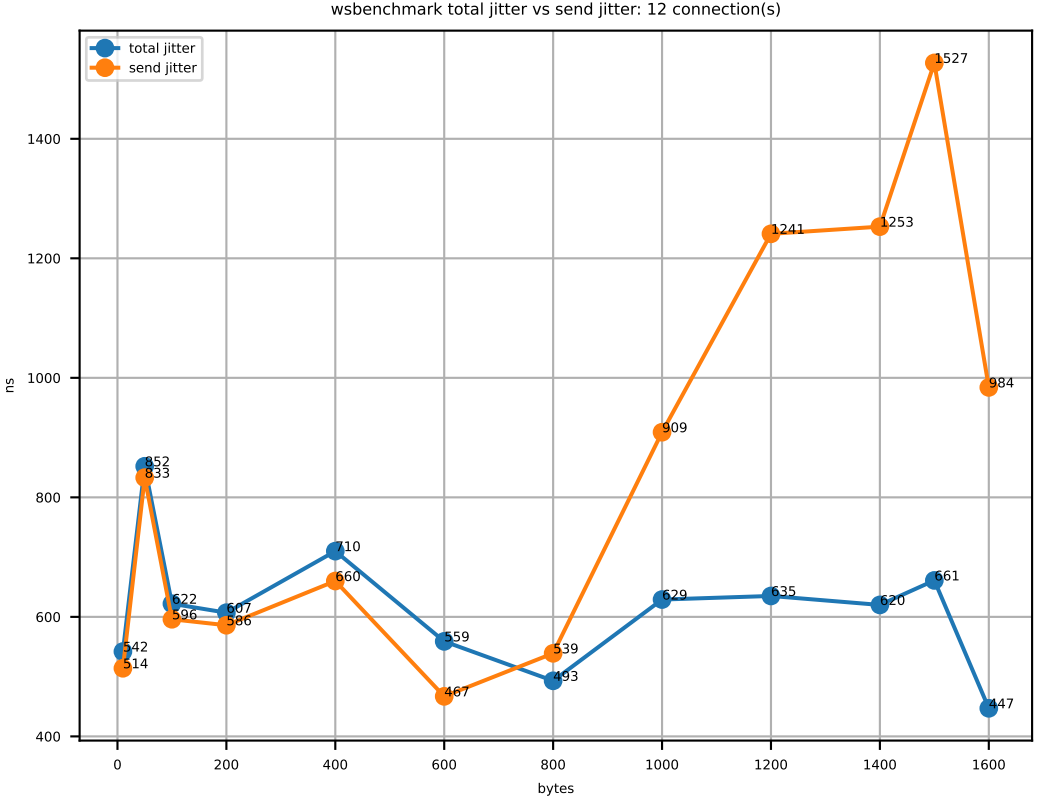

throughput: 12 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
bytes
0.0
0.2
0.4
0.6
0.8
1.0
0
200
400
600
800
1000
1200
1400
1600
0.818813
0.807736
0.762781
0.726241
0.699302
0.633947
0.56188
0.438265
0.23601
0.152709
0.685798
0.660863
0.639368
0.601488
0.575535
0.523716
0.459393
0.326821
0.170738
0.996049
0.986547
0.979847
0.975912
0.950306
0.940829
0.778399
0.551959
0.298582
1.071952
1.060232
1.051066
1.037025
1.01722
1.000262
0.795201
0.750024
0.437268
0.415255

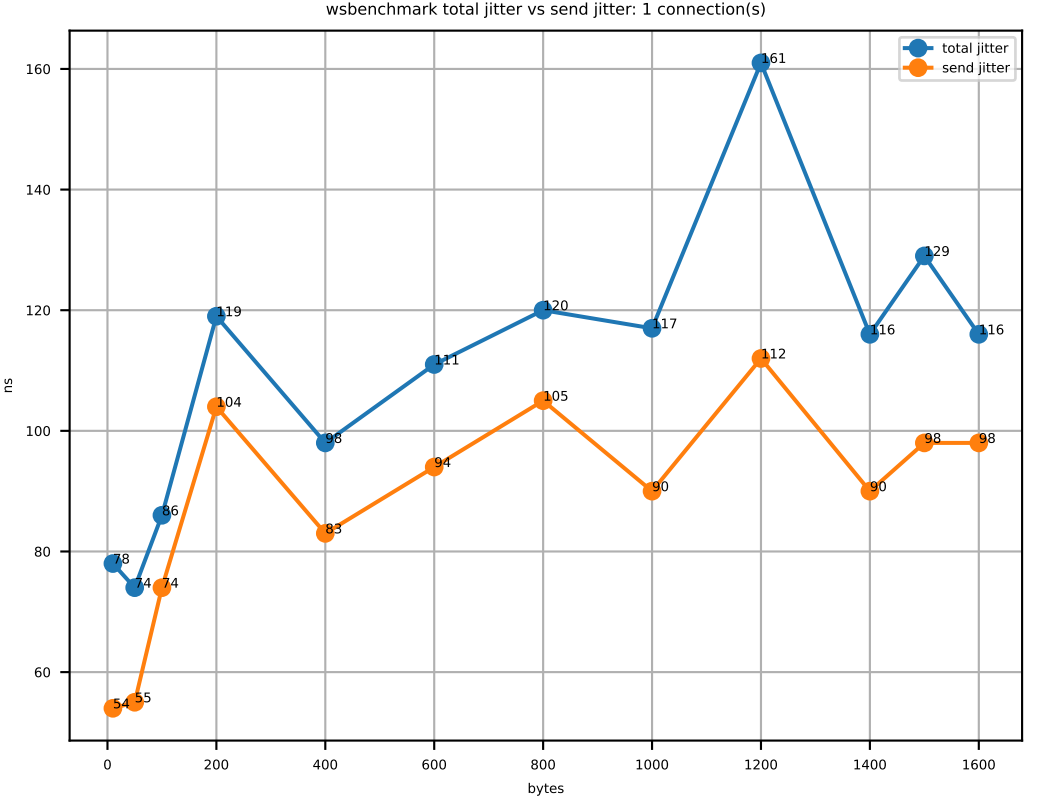

throughput: 1 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
bytes
0.00
0.05
0.10
0.15
0.20
0
200
400
600
800
1000
1200
1400
1600
0.218084
0.208785
0.200985
0.198404
0.189081
0.175258
0.167492
0.152927
0.144261
0.129563
0.123048
0.104139
0.099442
0.074666
0.070445
0.039042
0.038704
0.028953
0.021886
0.016586
0.015063
0.173788
0.164458
0.155511
0.135139
0.116067
0.095725
0.077546
0.054149
0.028953
0.021886
0.016586
0.138702
0.131689
0.118954
0.108542
0.093003
0.077049
0.060097
0.041662
0.028953
0.021886
0.016586
0.107306
0.102245
0.096372
0.083606
0.072042
0.05839
0.046961
0.032413
0.028953
0.021886
0.016586

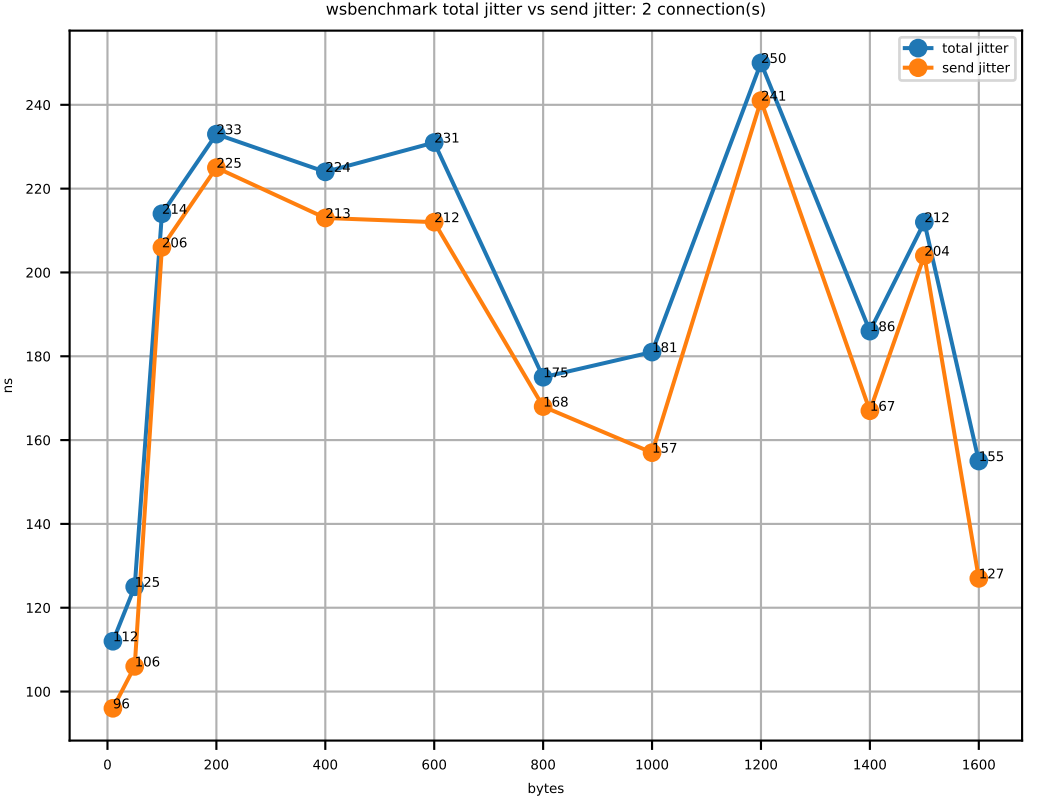

throughput: 2 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
bytes
0.0
0.1
0.2
0.3
0.4
0
200
400
600
800
1000
1200
1400
1600
0.416052
0.409756
0.399094
0.392547
0.391046
0.370472
0.343192
0.336584
0.321803
0.319569
0.30365
0.297981
0.282223
0.272643
0.266475
0.2576
0.2517
0.242266
0.236094
0.230573
0.213418
0.202177
0.21006
0.199434
0.190388
0.190313
0.188843
0.181373
0.163011
0.151879
0.149666
0.143383
0.138956
0.131599
0.11779
0.11745
0.101765
0.089133
0.087849
0.080311
0.073131
0.062957
0.056894
0.0423
0.031708

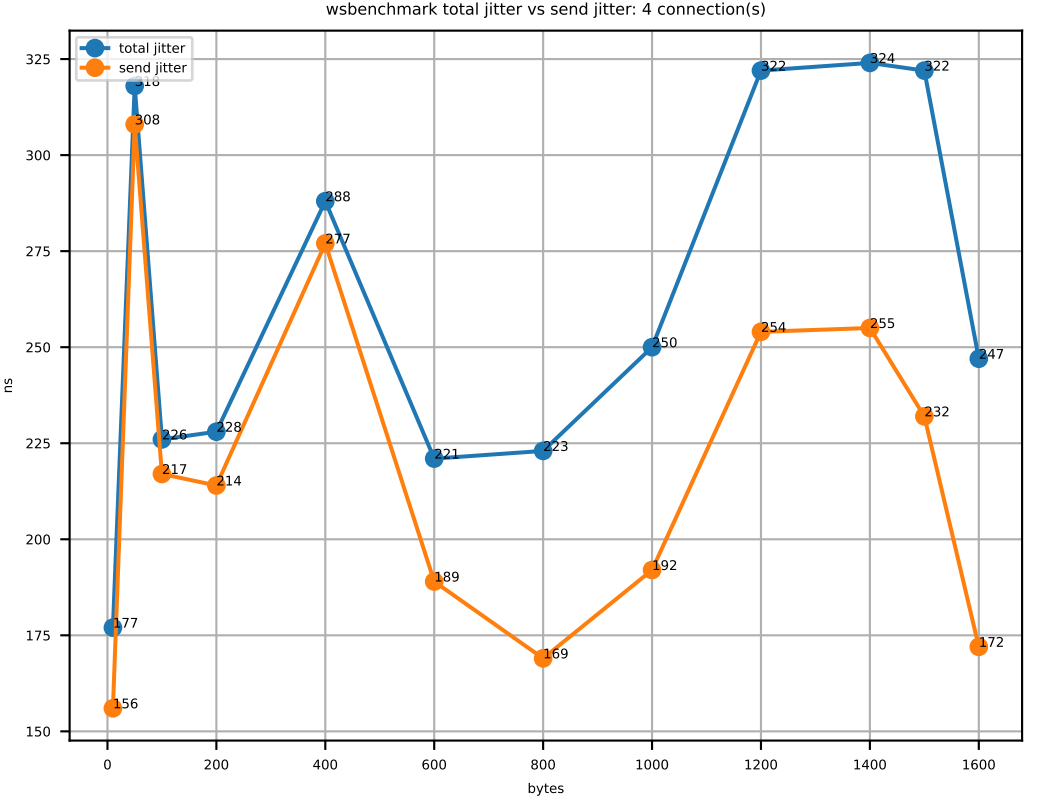

throughput: 4 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
bytes
0.0
0.2
0.4
0.6
0.8
0
200
400
600
800
1000
1200
1400
1600
0.831847
0.822193
0.814829
0.77675
0.775675
0.739898
0.685828
0.673982
0.648875
0.631819
0.599833
0.595193
0.56179
0.525493
0.521371
0.504861
0.503833
0.476171
0.475919
0.449436
0.423483
0.408526
0.403984
0.390991
0.380399
0.367976
0.36027
0.360729
0.323415
0.299496
0.293663
0.288583
0.277764
0.2702
0.233296
0.230739
0.209162
0.181702
0.162507
0.154166
0.146411
0.123449
0.111204
0.084645
0.064743

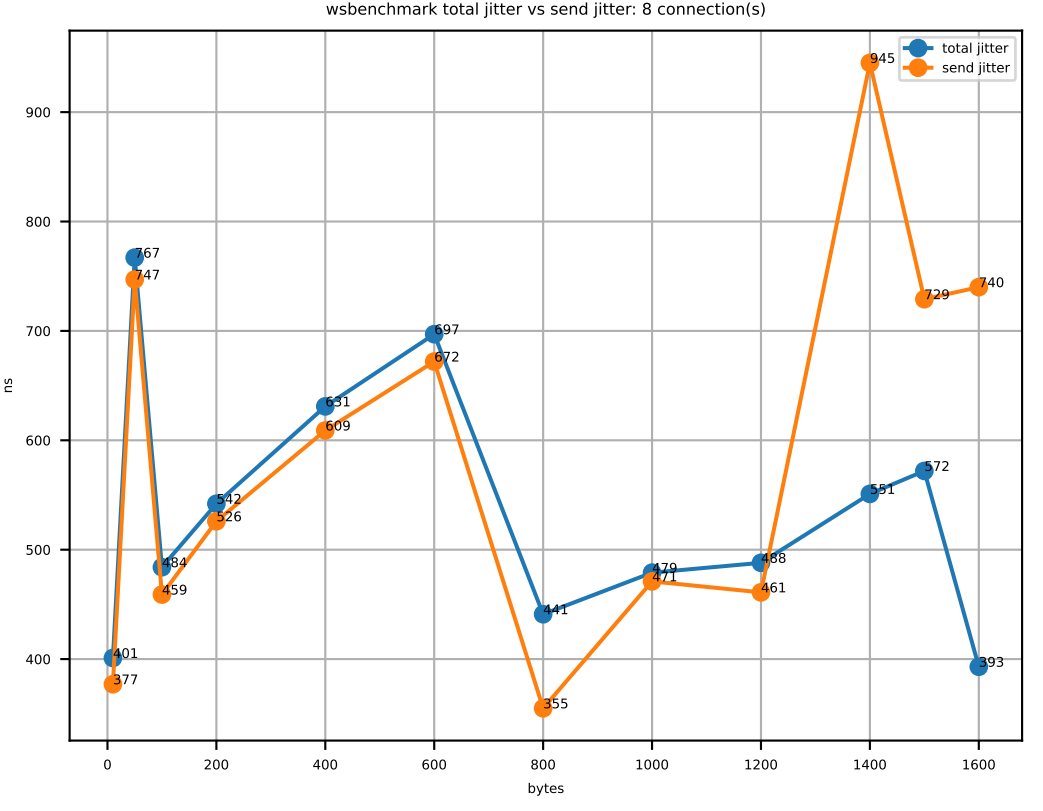

throughput: 8 connection(s)
wrbenchmark
wsbenchmark
wibenchmark
rbenchmark
wbenchmark
GB/s
bytes
0.0
0.2
0.4
0.6
0.8
1.0
0
200
400
600
800
1000
1200
1400
1600
0.731744
0.721064
0.678429
0.640188
0.590331
0.53136
0.425898
0.299231
0.158452
0.585552
0.566503
0.542601
0.50682
0.465468
0.416052
0.31999
0.221028
0.116774
0.996031
0.986447
0.975624
0.916139
0.823284
0.703133
0.551908
0.387685
0.202351
0.957549
0.897637
0.753279
0.740422
0.527459
0.518172
0.285088
0.279088

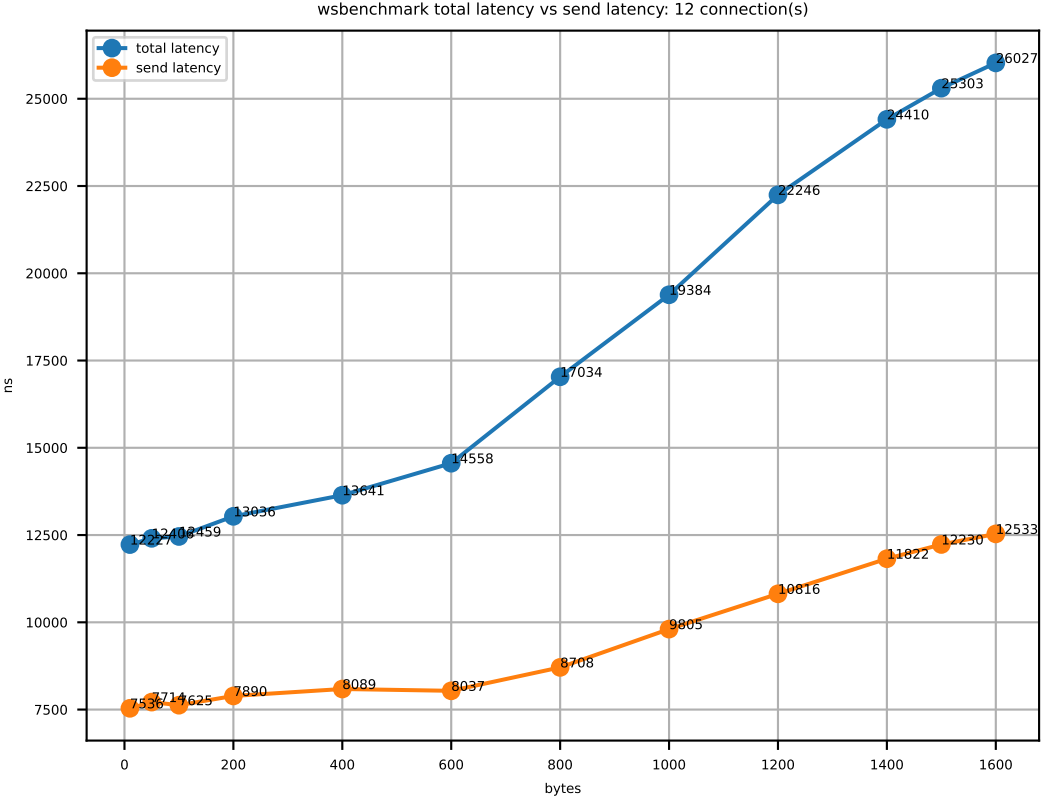

wsbenchmark total jitter vs send jitter: 12 connection(s)
total jitter
send jitter
ns
bytes
400
600
800
1000
1200
1400
0
200
400
600
800
1000
1200
1400
1600
542
514
852
833
622
596
607
586
710
660
559
467
493
539
629
909
635
1241
620
1253
661
1527
447
984

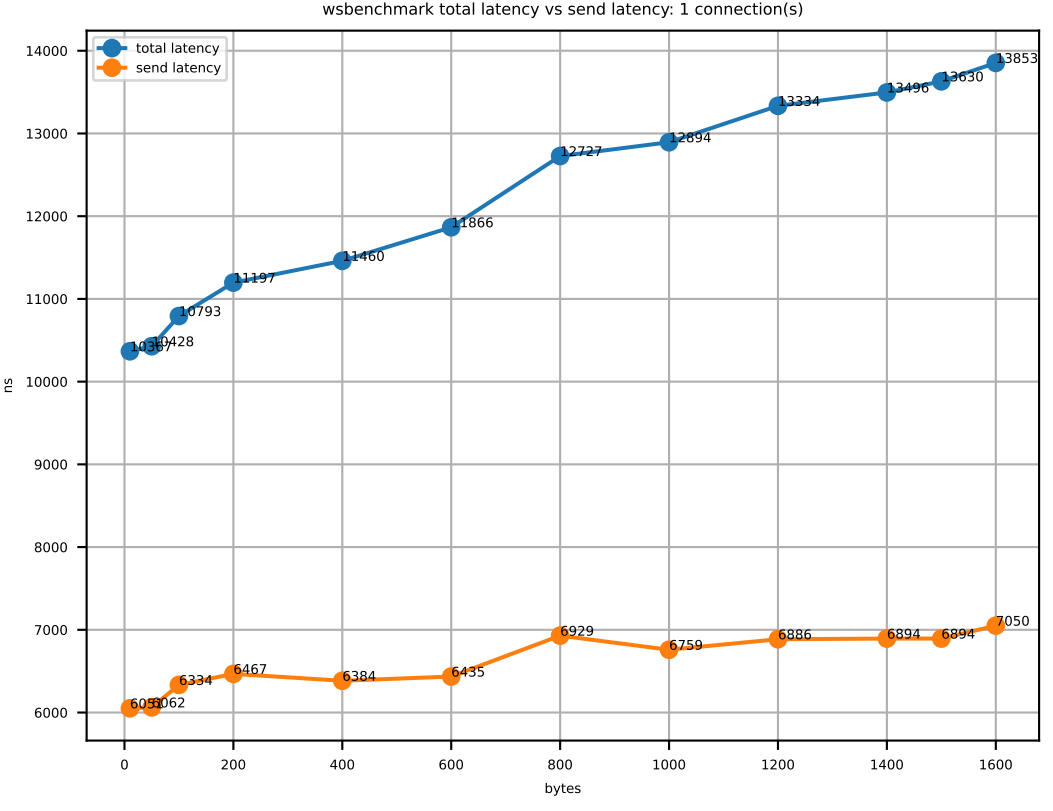

wsbenchmark total jitter vs send jitter: 1 connection(s)
total jitter
send jitter
ns
bytes
160
140
120
100
80
60
0
200
400
600
800
1000
1200
1400
1600
78
74
86
119
98
111
120
117
161
116
129
116
54
55
74
104
83
94
105
90
112
90
98
98

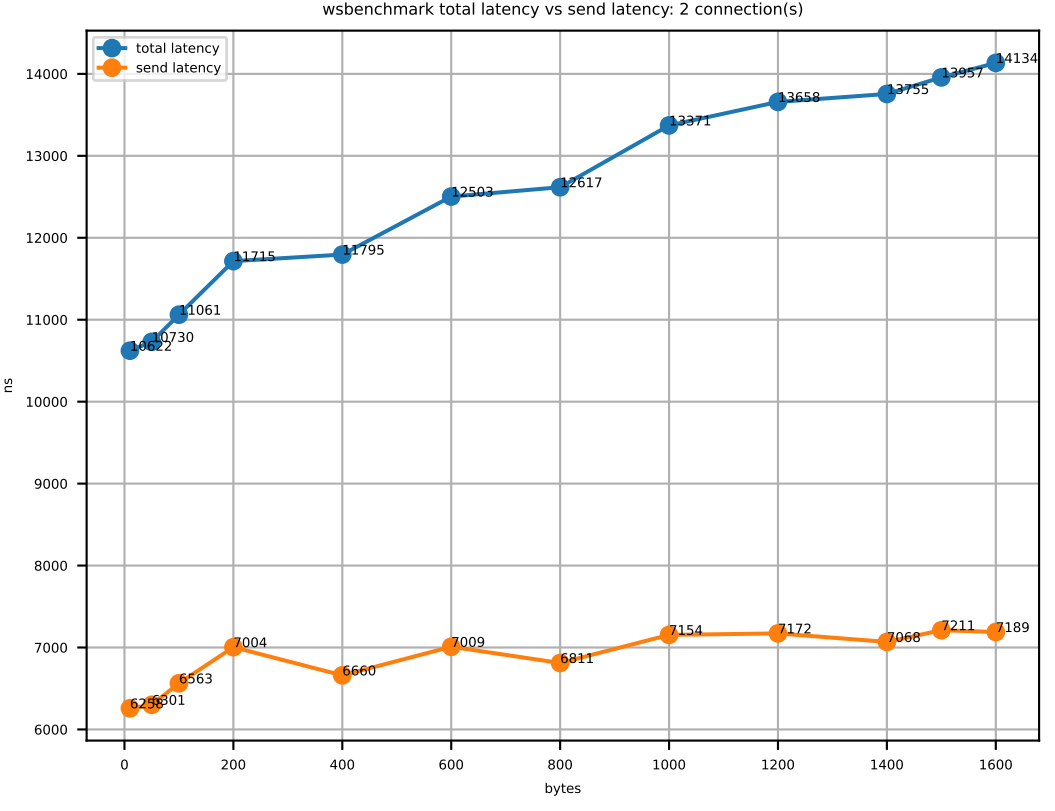

wsbenchmark total jitter vs send jitter: 2 connection(s)
total jitter
send jitter
ns
bytes
0
200
400
600
800
1000
1200
1400
1600
100
120
140
160
180
200
220
240
112
125
214
233
224
231
175
181
250
186
212
155
96
106
206
225
213
212
168
157
241
167
204
127

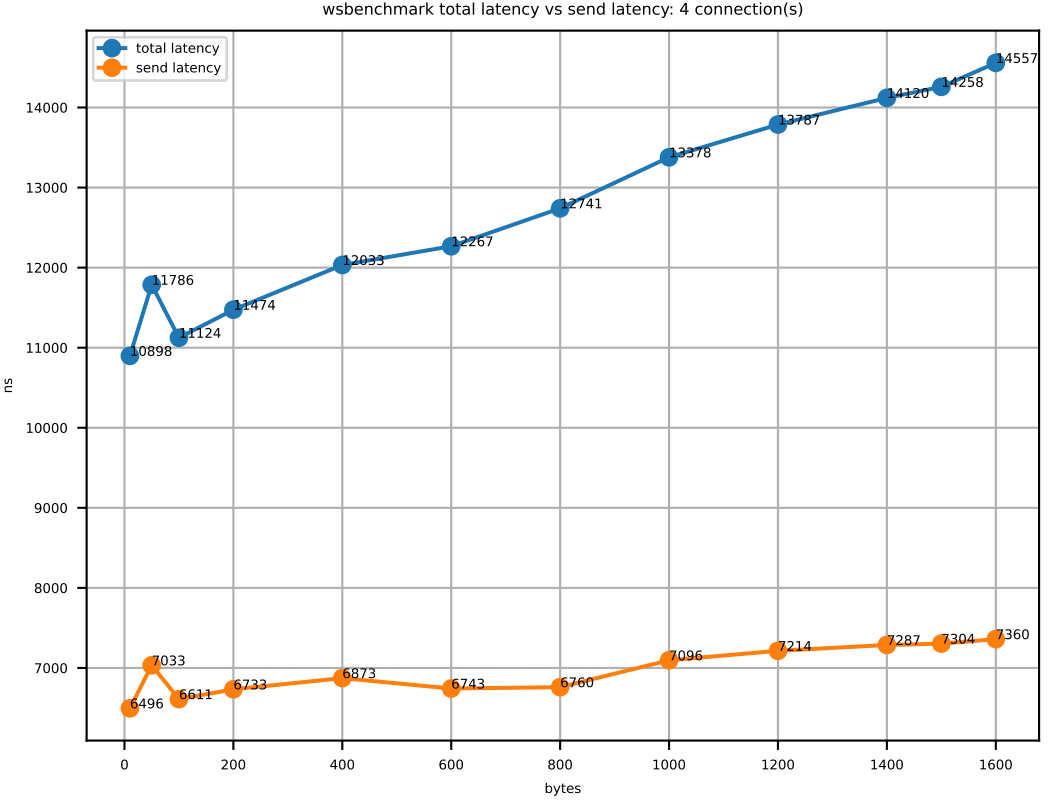

wsbenchmark total jitter vs send jitter: 4 connection(s)
total jitter
send jitter
ns
bytes
325
300
275
250
225
200
175
150
0
200
400
600
800
1000
1200
1400
1600
177
156
318
308
226
217
228
214
288
277
221
189
223
169
250
192
322
254
324
255
322
232
247
172

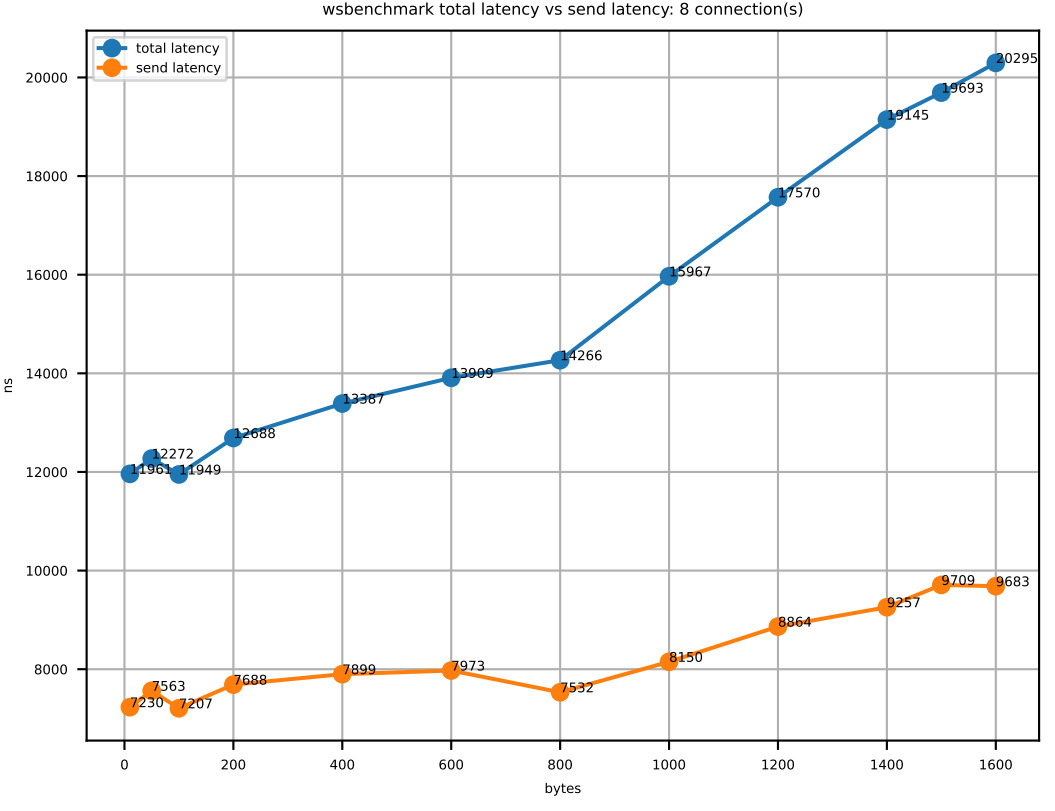

wsbenchmark total jitter vs send jitter: 8 connection(s)
total jitter
send jitter
ns
bytes
900
800
700
600
500
400
0
200
400
600
800
1000
1200
1400
1600
767
747
401
377
484
459
542
526
631
609
697
672
441
355
479
471
488
461
551
945
572
729
393
740


wsbenchmark total latency vs send latency: 12 connection(s)
total latency
send latency
ns
bytes
25000
22500
20000
17500
15000
12500
10000
7500
0
200
400
600
800
1000
1200
1400
1600
26027
25303
24410
22246
19384
17034
14558
13641
13036
12459
12408
12227
12533
12230
11822
10816
9805
8708
8037
8089
7890
7625
7714
7536


wsbenchmark total latency vs send latency: 1 connection(s)
total latency
send latency
ns
bytes
14000
13000
12000
11000
10000
9000
8000
7000
6000
0
200
400
600
800
1000
1200
1400
1600
10387
10428
10793
11197
11460
11866
12727
12894
13334
13496
13630
13853
6055
6062
6334
6467
6384
6435
6929
6759
6886
6894
6894
7050


wsbenchmark total latency vs send latency: 2 connection(s)
total latency
send latency
ns
bytes
14000
13000
12000
11000
10000
9000
8000
7000
6000
0
200
400
600
800
1000
1200
1400
1600
10622
10730
11061
11715
11795
12503
12617
13371
13658
13755
13957
14134
6258
6301
6563
7004
6660
7009
6811
7154
7172
7068
7211
7189


wsbenchmark total latency vs send latency: 4 connection(s)
total latency
send latency
ns
bytes
14000
13000
12000
11000
10000
9000
8000
7000
0
200
400
600
800
1000
1200
1400
1600
14557
14258
14120
13787
13378
12741
12267
12033
11786
11474
11124
10898
7360
7304
7287
7214
7096
6760
6743
6873
6733
6611
7033
6496


wsbenchmark total latency vs send latency: 8 connection(s)
total latency
send latency
ns
bytes
20000
18000
16000
14000
12000
10000
8000
0
200
400
600
800
1000
1200
1400
1600
11961
12272
11949
12688
13387
13909
14266
15967
17570
19145
19693
20295
7230
7563
7207
7688
7899
7973
7532
8150
8864
9257
9709
9683