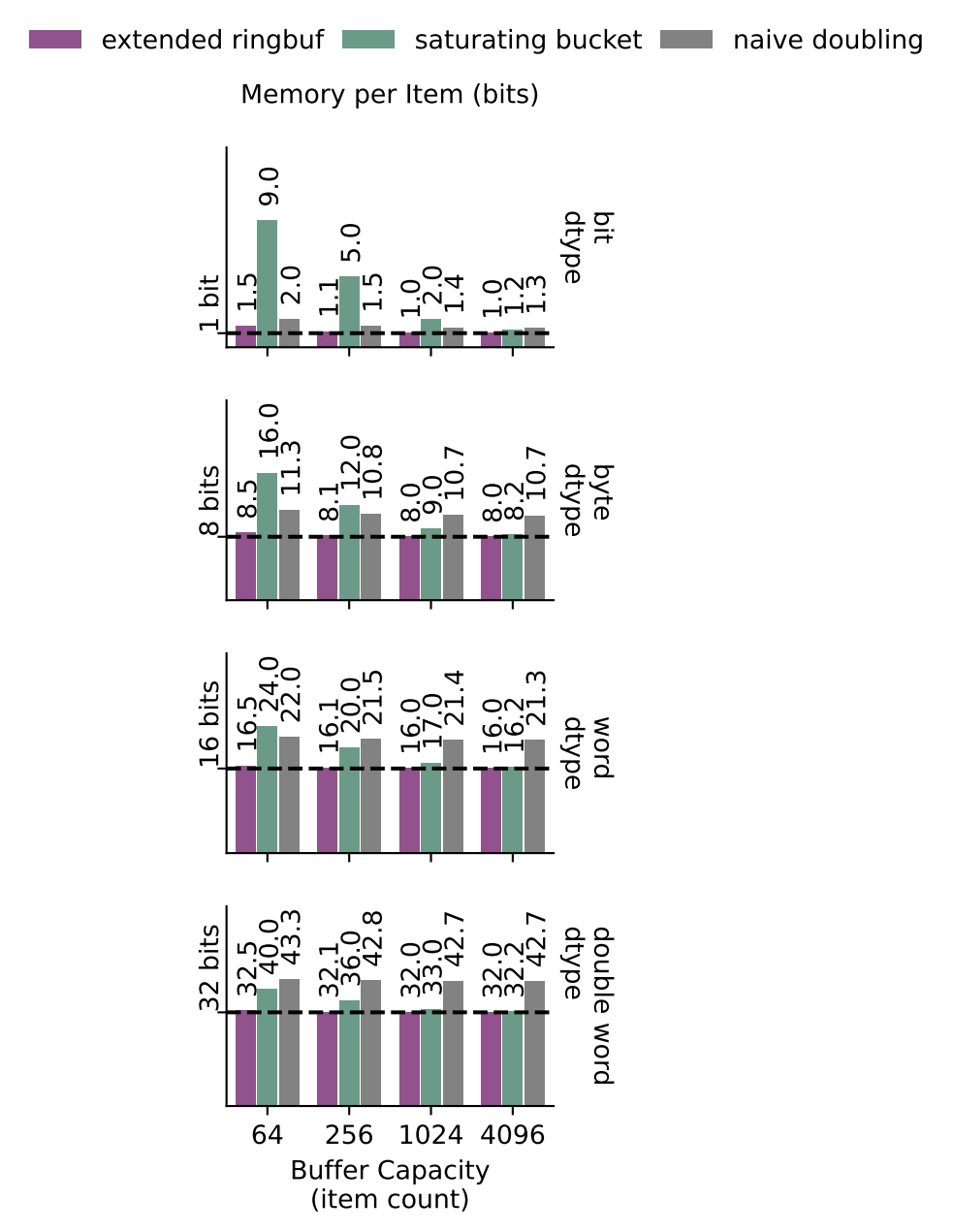
extended ringbuf
saturating bucket
naive doubling
Memory per Item (bits)
1 bit
8 bits
16 bits
32 bits
bit dtype
byte dtype
word dtype
double word dtype
1.5
9.0
2.0
1.1
5.0
1.5
1.0
2.0
1.4
1.0
1.2
1.3
8.5
16.0
11.3
8.1
12.0
10.8
8.0
9.0
10.7
8.0
8.2
10.7
16.5
24.0
22.0
16.1
20.0
21.5
16.0
17.0
21.4
16.0
16.2
21.3
32.5
40.0
43.3
32.1
36.0
42.8
32.0
33.0
42.7
32.0
32.2
42.7
64
256
1024
4096
Buffer Capacity
(item count)