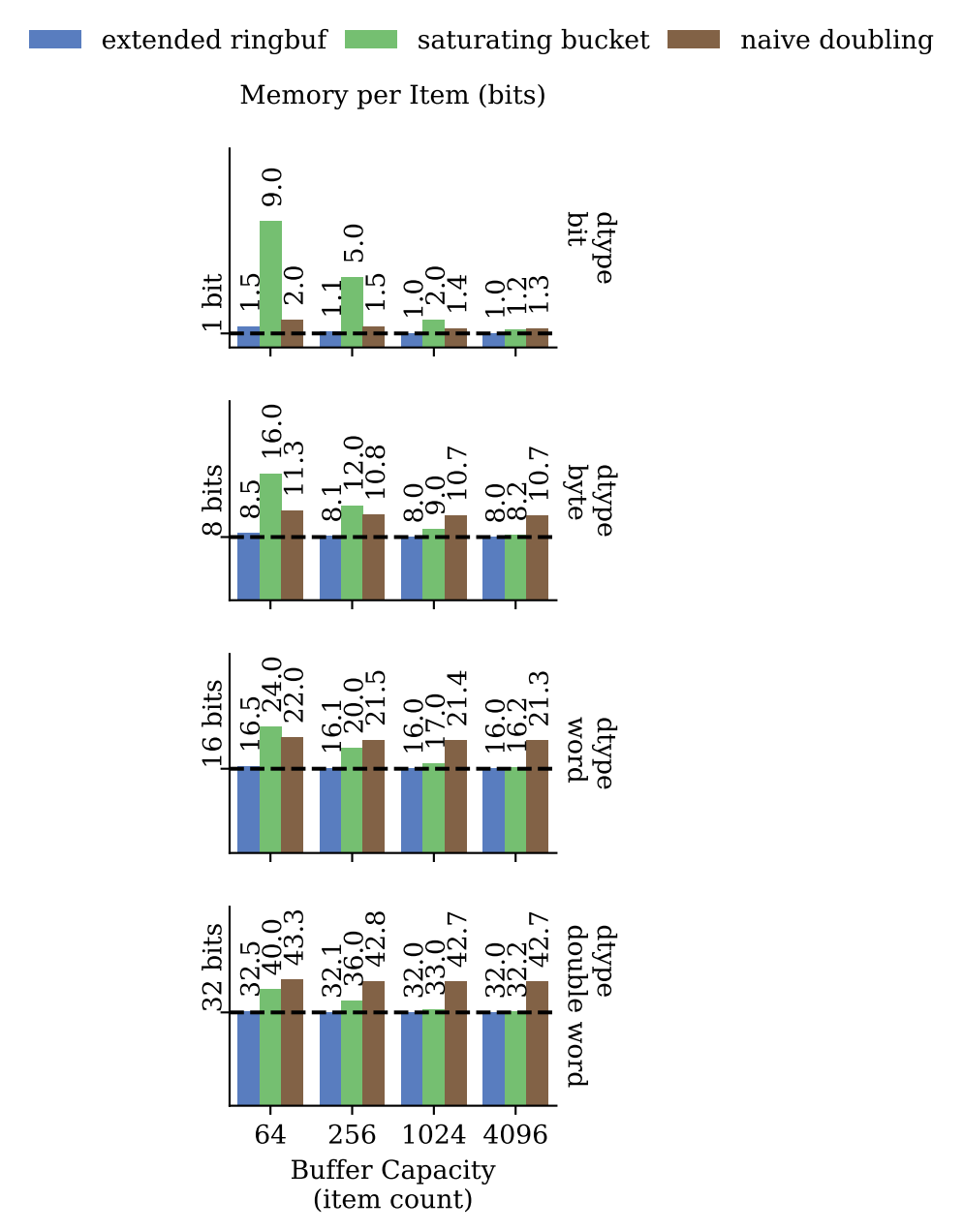
extended ringbuf
saturating bucket
naive doubling
Memory per Item (bits)
1 bit
8 bits
16 bits
32 bits
1.5
9.0
2.0
1.1
5.0
1.5
1.0
2.0
1.4
1.0
1.2
1.3
8.5
16.0
11.3
8.1
12.0
10.8
8.0
9.0
10.7
8.0
8.2
10.7
16.5
24.0
22.0
16.1
20.0
21.5
16.0
17.0
21.4
16.0
16.2
21.3
32.5
40.0
43.3
32.1
36.0
42.8
32.0
33.0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