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