Operation	Latency	Operands
bswap r12d	2	r32
bswap r14d	2	r32
bswap r15d	2	r32
bswap edi	2	r32
rorx eax, r12d, 9	1	r32, r32, i
rorx ecx, edi, 9	1	r32, r32, i
xor edi, -200715707	1	r32, i
lea eax, [rax + rdi + 1]	1	r32, AGEN
mov edx, eax	1	
xor edx, -546766179	1	
rorx edi, r14d, 27	1	
xor eax, 2078592312	1	
lea eax, [rdi + rax + 1]	1	
mov edi, eax	1	
xor edi, -546766179	1	
rorx r8d, r15d, 29	1	
xor eax, -338608899	1	
lea eax, [r8 + rax + 1]	1	
mov r8d, eax	1	
xor r8d, -546766179	1	
xor eax, -1356326361	1	
lea eax, [rcx + rax + 1]	1	
mov ecx, eax	1	
xor ecx, -814464733	1	
rorx edx, edx, 27	1	
xor eax, -1594379076	1	
lea eax, [rdx + rax + 1]	1	
mov edx, eax	1	
xor edx, -814464733	1	
rorx edi, edi, 29	1	
xor eax, -1298246935	1	
lea eax, [rdi + rax + 1]	1	
mov edi, eax	1	
xor edi, -814464733	1	
rorx r8d, r8d, 9	1	
xor eax, -1781840417	1	
lea eax, [r8 + rax + 1]	1	
mov r8d, eax	1	
xor r8d, 884053734	1	
rorx ecx, ecx, 27	1	
xor eax, 1015440564	1	
lea eax, [rcx + rax + 1]	1	
mov ecx, eax	1	
xor ecx, 884053734	1	
rorx edx, edx, 29	1	
xor eax, -1158540067	1	

```asm
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, 884053734                          1
rorx    edi, edi, 9                         1
xor eax, -1189504979                        1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, 100997698                          1
rorx    r8d, r8d, 27                        1
xor eax, -817493316                         1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, 100997698                          1
rorx    ecx, ecx, 29                        1
xor eax, 1337143449                         1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, 100997698                          1
rorx    edx, edx, 9                         1
xor eax, 1653955617                         1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, 88614219                           1
rorx    edi, edi, 27                        1
xor eax, 2002660726                         1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, 88614219                           1
rorx    r8d, r8d, 29                        1
xor eax, 1275268082                         1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, 88614219                           1
rorx    ecx, ecx, 9                         1
xor eax, 1021562721                         1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, 1373730486                         1
rorx    edx, edx, 27                        1
xor eax, 1119224496                         1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, 1373730486                         1
rorx    edi, edi, 29                        1
xor eax, 1134958471                         1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
```

```
xor edi, 1373730486                      1
rorx    r8d, r8d, 9                       1
xor eax, 1595845160                       1
lea eax, [r8 + rax + 1]                   1
mov r8d, eax                              1
xor r8d, -437755965                       1
rorx    ecx, ecx, 27                      1
xor eax, 85763124                         1
lea eax, [rcx + rax + 1]                  1
mov ecx, eax                              1
xor ecx, -437755965                       1
rorx    edx, edx, 29                      1
xor eax, 1385814776                       1
lea eax, [rdx + rax + 1]                  1
mov edx, eax                              1
xor edx, -437755965                       1
rorx    edi, edi, 9                       1
xor eax, 946612432                        1
lea eax, [rdi + rax + 1]                  1
mov edi, eax                              1
xor edi, -793511313                       1
rorx    r8d, r8d, 27                      1
xor eax, -416936595                       1
lea eax, [r8 + rax + 1]                   1
mov r8d, eax                              1
xor r8d, -793511313                       1
rorx    ecx, ecx, 29                      1
xor eax, -2027368903                      1
lea eax, [rcx + rax + 1]                  1
mov ecx, eax                              1
xor ecx, -793511313                       1
rorx    edx, edx, 9                       1
xor eax, 137233687                        1
lea eax, [rdx + rax + 1]                  1
mov edx, eax                              1
xor edx, 643757934                        1
rorx    edi, edi, 27                      1
xor eax, -1777102603                      1
lea eax, [rdi + rax + 1]                  1
mov edi, eax                              1
xor edi, 643757934                        1
rorx    r8d, r8d, 29                      1
xor eax, -531061                          1
lea eax, [r8 + rax + 1]                   1
mov r8d, eax                              1
xor r8d, 643757934                        1
rorx    ecx, ecx, 9                       1
```

```
xor eax, 580635461                          1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, -1814075890                        1
rorx    edx, edx, 27                        1
xor eax, 1128612178                         1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, -1814075890                        1
rorx    edi, edi, 29                        1
xor eax, -1280147824                        1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, -1814075890                        1
rorx    r8d, r8d, 9                         1
xor eax, -1302701437                        1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, -1808355376                        1
rorx    ecx, ecx, 27                        1
xor eax, 2080001455                         1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, -1808355376                        1
rorx    edx, edx, 29                        1
xor eax, -1729122633                        1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, -1808355376                        1
rorx    edi, edi, 9                         1
xor eax, 1242843394                         1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, 2009482466                         1
rorx    r8d, r8d, 27                        1
xor eax, 1116082520                         1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, 2009482466                         1
rorx    ecx, ecx, 29                        1
xor eax, -534406304                         1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, 2009482466                         1
rorx    edx, edx, 9                         1
xor eax, 443116357                          1
lea eax, [rdx + rax + 1]                    1
```

```
mov edx, eax                        1
xor edx, 1371361311                 1
rorx    edi, edi, 27                1
xor eax, -1292459442                1
lea eax, [rdi + rax + 1]            1
mov edi, eax                        1
xor edi, 1371361311                 1
rorx    r8d, r8d, 29               1
xor eax, -1258451347                1
lea eax, [r8 + rax + 1]             1
mov r8d, eax                        1
xor r8d, 1371361311                 1
rorx    ecx, ecx, 9                1
xor eax, -505173114                 1
lea eax, [rcx + rax + 1]            1
mov ecx, eax                        1
xor ecx, -148315530                 1
rorx    edx, edx, 27               1
xor eax, -628990830                 1
lea eax, [rdx + rax + 1]            1
mov edx, eax                        1
xor edx, -148315530                 1
rorx    edi, edi, 29               1
xor eax, 1841243172                 1
lea eax, [rdi + rax + 1]            1
mov edi, eax                        1
xor edi, -148315530                 1
rorx    r8d, r8d, 9                1
xor eax, -1794554427                1
lea eax, [r8 + rax + 1]             1
mov r8d, eax                        1
xor r8d, -889141121                 1
rorx    ecx, ecx, 27               1
xor eax, 1937742566                 1
lea eax, [rcx + rax + 1]            1
mov ecx, eax                        1
xor ecx, -889141121                 1
rorx    edx, edx, 29               1
xor eax, -756782517                 1
lea eax, [rdx + rax + 1]            1
mov edx, eax                        1
xor edx, -889141121                 1
rorx    edi, edi, 9                1
xor eax, -1092218850                1
lea eax, [rdi + rax + 1]            1
mov edi, eax                        1
xor edi, 1874071550                 1
```

```
rorx      r8d, r8d, 27                                    1
xor eax, 361627795                                        1
lea eax, [r8 + rax + 1]                                   1
mov r8d, eax                                              1
xor r8d, 1874071550                                       1
rorx      ecx, ecx, 29                                    1
xor eax, 42430244                                         1
lea eax, [rcx + rax + 1]                                  1
mov ecx, eax                                              1
xor ecx, 1874071550                                       1
rorx      edx, edx, 9                                     1
xor eax, -982956019                                       1
lea eax, [rdx + rax + 1]                                  1
mov edx, eax                                              1
xor edx, -299709832                                       1
rorx      edi, edi, 27                                    1
xor eax, -1682793164                                      1
lea eax, [rdi + rax + 1]                                  1
mov edi, eax                                              1
xor edi, -299709832                                       1
rorx      r8d, r8d, 29                                    1
xor eax, 1958629107                                       1
lea eax, [r8 + rax + 1]                                   1
mov r8d, eax                                              1
xor r8d, -299709832                                       1
rorx      ecx, ecx, 9                                     1
xor eax, -1423585203                                      1
lea eax, [rcx + rax + 1]                                  1
mov ecx, eax                                              1
xor ecx, 1049849047                                       1
rorx      edx, edx, 27                                    1
xor eax, -827623783                                       1
lea eax, [rdx + rax + 1]                                  1
mov edx, eax                                              1
xor edx, 1049849047                                       1
rorx      edi, edi, 29                                    1
xor eax, 816081316                                        1
lea eax, [rdi + rax + 1]                                  1
mov edi, eax                                              1
xor edi, 1049849047                                       1
rorx      r8d, r8d, 9                                      1
xor eax, 632406895                                        1
lea eax, [r8 + rax + 1]                                   1
mov r8d, eax                                              1
xor r8d, -158062498                                       1
rorx      ecx, ecx, 27                                    1
xor eax, -391560516                                       1
```

```
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, -158062498                         1
rorx    edx, edx, 29                        1
xor eax, -2050034803                        1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, -158062498                         1
rorx    edi, edi, 9                         1
xor eax, 1867157626                         1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, -969423750                         1
rorx    r8d, r8d, 27                        1
xor eax, 2140779191                         1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, -969423750                         1
rorx    ecx, ecx, 29                        1
xor eax, 451848677                          1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, -969423750                         1
rorx    edx, edx, 9                         1
xor eax, 1306148276                         1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
xor edx, -624313065                         1
rorx    edi, edi, 27                        1
xor eax, -399995428                         1
lea eax, [rdi + rax + 1]                    1
mov edi, eax                                1
xor edi, -624313065                         1
rorx    r8d, r8d, 29                        1
xor eax, 1899574297                         1
lea eax, [r8 + rax + 1]                     1
mov r8d, eax                                1
xor r8d, -624313065                         1
rorx    ecx, ecx, 9                         1
xor eax, -700892835                         1
lea eax, [rcx + rax + 1]                    1
mov ecx, eax                                1
xor ecx, 1835411675                         1
rorx    edx, edx, 27                        1
xor eax, 634882697                          1
lea eax, [rdx + rax + 1]                    1
mov edx, eax                                1
```

```
xor edx, 1835411675                          1
rorx    edi, edi, 29                         1
xor eax, 885494260                           1
lea eax, [rdi + rax + 1]                     1
mov edi, eax                                 1
xor edi, 1835411675                          1
rorx    r8d, r8d, 9                          1
xor eax, -2090591083                         1
lea eax, [r8 + rax + 1]                      1
mov r8d, eax                                 1
xor r8d, -1634148152                         1
rorx    ecx, ecx, 27                         1
xor eax, 2043834360                          1
lea eax, [rcx + rax + 1]                     1
mov ecx, eax                                 1
xor ecx, -1634148152                         1
rorx    edx, edx, 29                         1
xor eax, -56482482                           1
lea eax, [rdx + rax + 1]                     1
mov ebp, eax                                 1
xor ebp, -1634148152                         1
rorx    edx, edi, 9                          1
xor eax, 1633489123                          1
lea eax, [rdx + rax + 1]                     1
mov r14d, eax                                1
xor r14d, 38367248                           1
rorx    edx, r8d, 27                         1
xor eax, -453381538                          1
lea eax, [rdx + rax + 1]                     1
mov r15d, eax                                1
xor r15d, 38367248                           1
rorx    ecx, ecx, 29                         1
xor eax, -189036692                          1
lea r12d, [rcx + rax + 1]                    1
xor r12d, 38367248                           1
bswap   ebp                                  2
bswap   r14d                                 2
bswap   r15d                                 2
bswap   r12d                                 2
```

Summe der Latenzen:

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