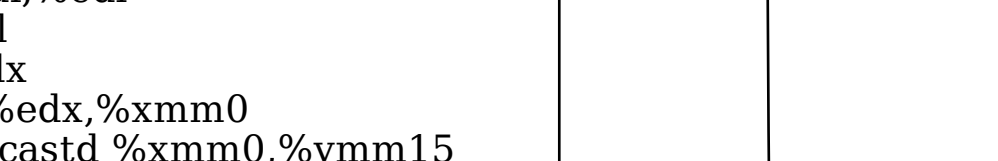


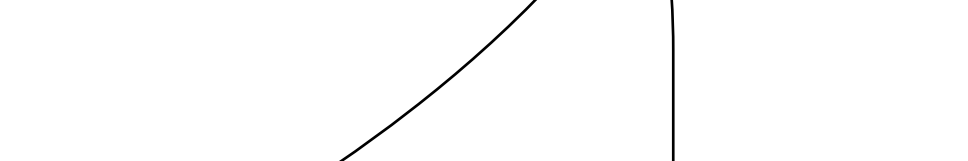
```
push %rbp
push %r15
push %r14
push %r13
push %r12
push %rbx
sub $0x1e8,%rsp
mov %rdi,%rax
mov 0x8(%rdi),%r12
mov 0x10(%rdi),%edx
mov %rdx,%rbx
mov 0x14(%rdi),%ecx
mov %rcx,%x48(%rsp)
mov 0x18(%rdi),%r14
mov 0x1c(%rdi),%edx
mov %rdx,%x78(%rsp)
mov 0x58(%rdi),%rdx
mov 0x60(%rdi),%rbp
mov (%rsi),%rcx
imul %rdx,%rcx
add 0x28(%rdi),%rcx
mov %rcx,%x64(%rsp)
mov 0x8(%rsi),%rsi
mov %rbp,%x38(%rsp)
imul %x38,%rsi
add 0x30(%rdi),%rsi
mov %rsi,%x40(%rsp)
mov %rdx,%rcx
sar $0x3,%rcx
mov %rdx,%rsi
add $0xffffffffffff,%rsi
mov %rsi,%x28(%rsp)
sub %rsi,%rdx
mov %rdx,%rsi
mov %rcx,%x10(%rsp)
test %rcx,%rcx
je 0x7ffff7fcb74e <Convolution3D_kernel+1790>
```



```
mov -0x70(%rsp),%rdx
lea -0x1(%rdx),%ecx
mov %ecx,%x50(%rsp)
mov -0x48(%rsp),%rcx
lea -0x1(%rcx),%edx
mov %edx,%x54(%rsp)
lea -0x1(%r11),%edx
vmovd %edx,%xmm0,%ymm13
xor %edx,%edx
mov -0x78(%rsp),%rdi
test %edi,%edi
setg %di
neg %edx
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm15
mov %edi,%edx
imul %ecx,%edx
lea -0x1(%rdi),%ebp
mov %r11,%esi
imul %esi,%esi
imul %esi,%ebp
mov %rbp,%rcx
mov %rcx,%x18(%rsp)
vmovd %ebp,%xmm0
vbroadcastsd %xmm0,%ymm0
vmovdqu %ymm0,0x100(%rsp)
lea 0x1(%rdi),%ebp
imul %esi,%ebp
mov %rbp,%rcx
mov %rcx,%x20(%rsp)
vmovd %ebp,%xmm0
vbroadcastsd %xmm0,%ymm0
vmovdqu %ymm0,0x120(%rsp)
imul %edi,%esi
vmovd %esi,%xmm0
mov -0x40(%rsp),%rsi
lea (%rsi,%rdx,1),%edx
imul %r1d,%edx
vbroadcastsd %xmm0,%ymm0
vmovdqu %ymm0,0x160(%rsp)
mov -0x68(%rsp),%rcx
lea (%rcx,%rdx,1),%r13d
xor %ebx,%ebx
movabs $0x7ffff7fca000,%rdx
vmovabs %rdx,%xmm0
vmovups %ymm0,0x140(%rsp)
vpxor %xmm8,%xmm8,%xmm8
pcmpq %ymm9,%ymm9,%ymm9
movabs $0x7ffff7fca078,%rcx
movabs $0x7ffff7fca0b4,%rdx
vbroadcastsd %rdx,%xmm0,%ymm0
vmovabs $0x7ffff7fca07c,%r8
vmovabs $0x7ffff7fca080,%r10
movabs $0x7ffff7fca040,%r4
vmovdqu %ymm3,0x0(%rsp)
vmovdqu %ymm15,0x1a0(%rsp)
vmovdqu %ymm13,0x180(%rsp)
nopw %cs:0x0(%rax,%rax,1)
```

```
mov %rbx,%x8(%rsp)
mov -0x50(%rsp),%edx
cmp -0x78(%rsp),%edx
setg %al
cmp %esi,%x54(%rsp)
setg %hl
and %edi,%hl
movzbl %hl,%edx
mov %edx,%ebx
neg %ebx
vmovd %ebx,%xmm0
vbroadcastsd %xmm0,%ymm6
add $0xffffffff,%rdx
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm7
for %edx,%edx
test %esi,%esi
setg %cl
lea -0x1(%rsi),%ebx
imul %r11d,%ebx
neg %edx
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm10
vmovd %edx,%xmm0
mov -0x18(%rsp),%rdx
lea (%rbx,%rdx,1),%edx
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm11
mov -0x20(%rsp),%rdx
lea (%rbx,%rdx,1),%edx
vmovd %edx,%xmm0
mov %r11d,%edi
imul %esi,%edx
lea 0x1(%rsi),%ebp
imul %r11d,%ebp
vbroadcastsd %xmm0,%ymm0
vmovdqu %ymm0,0x60(%rsp)
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm1
vmovd %ebp,%xmm0
vbroadcastsd %xmm0,%ymm2
mov -0x68(%rsp),%rdx
vmovd %edx,%xmm0
vbroadcastsd %xmm0,%ymm4
vpaddq 0x140(%rsp),%ymm4,%ymm5
vpaddq 0x160(%rsp),%ymm5,%ymm0
vmovd %xmm0,%edx
add %ebx,%edx
vmovdqu %ymm10,0x40(%rsp)
vpaddq %ymm1,%ymm0,%ymm1
vmovd %xmm1,%r15d
vmovd %rdx,%x2c(%rsp)
vpaddq %ymm2,%ymm0,%ymm0
vmovd %xmm0,%ebp
mov %r15d,%rcx
mov -0x10(%rsp),%r14
vmovdqu %ymm6,0xc0(%rsp)
lea (%rdx,%x2c,%r15),%rdx
vmovdqu %ymm10,0x80(%rsp)
vmovdqu %ymm11,0x80(%rsp)
data16 data16 data16 data16 nopw %cs:0x0(%rax,%rax,1)
```

```
vpcmpgtd %ymm5,%ymm13,%ymm0
vpand %ymm15,%ymm0,%ymm0
vpand %ymm10,%ymm0,%ymm0
vpcmpgtd %ymm8,%ymm5,%ymm1
vpand %ymm0,%ymm1,%ymm1
vpand %ymm6,%ymm0,%ymm0
vpor %ymm7,%ymm0,%ymm0
vpand %ymm1,%ymm6,%ymm2
movsl %r12,%rbx,%r8
lea (%r12,%rbx,4),%rbx
vptest %ymm5,%ymm0
je 0x7ffff7fcb370 <Convolution3D_kernel+800>
```

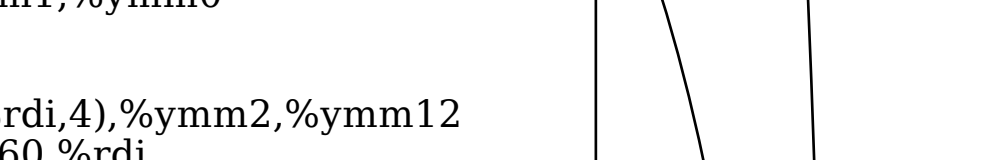


```
vmaskmovps %ymm8,%ymm0,(%rbx)
vptest %ymm2,%ymm2
jne 0x7ffff7fcb37f <Convolution3D_kernel+815>
```

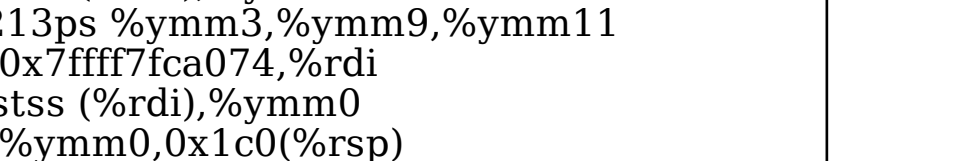


```
jmp 0x7ffff7fcb709 <Convolution3D_kernel+1721>
data16 data16 data16 data16 nopw %cs:0x0(%rax,%rax,1)
```

```
vmovdqu %ymm8,(%rbx)
vptest %ymm2,%ymm2
je 0x7ffff7fcb709 <Convolution3D_kernel+1721>
```



```
movabs $0x7ffff7fca020,%rdi
vpaddq (%rdi),%ymm4,%ymm0
vpaddq %ymm0,%ymm11,%ymm1
vmovd %xmm1,%ebx
movslq %ebx,%rbx
lea (%rax,%rbx,4),%rbx
vptest %ymm9,%ymm2
jb 0x7ffff7fcb590 <Convolution3D_kernel+1344>
```



```
vmaskmovps (%rbx),%ymm2,%ymm11
vmovdqu 0x60(%rsp),%ymm1
vpaddq %ymm0,%ymm1,%ymm0
vmovd %xmm0,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm12
vmovabs $0x7ffff7fca060,%rdi
vbroadcastss (%rdi),%ymm6
vmulps %ymm6,%ymm12,%ymm3
vmovabs $0x7ffff7fca064,%rdi
vbroadcastss (%rdi),%ymm10
vmfmad231ps %ymm10,%ymm11,%ymm3
vmovabs $0x7ffff7fca068,%rdi
vbroadcastss (%rdi),%ymm7
vmfmad231ps %ymm7,%ymm11,%ymm3
vmovabs $0x7ffff7fca06c,%rdi
vbroadcastss (%rdi),%ymm8
vmfmad231ps %ymm8,%ymm12,%ymm3
vmovabs $0x7ffff7fca070,%rdi
vbroadcastss (%rdi),%ymm9
vmfmad231ps %ymm9,%ymm11,%ymm3
vmovabs $0x7ffff7fca074,%rdi
vbroadcastss (%rdi),%ymm0
vmovups %ymm0,0x1c0(%rsp)
vmfmad231ps %ymm1,%ymm0,%ymm12
movslq %edx,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm11
movslq %r15d,%rbx
vmaskmovps (%rax,%rbx,4),%ymm2,%ymm13
vbroadcastss (%rcx),%ymm14
vmfmad221ps %ymm12,%ymm11,%ymm14
vbroadcastss (%r8),%ymm11
vmfmad231ps %ymm14,%ymm13,%ymm13
movslq %ebp,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm12
vpaddq (%r9),%ymm0,%ymm13
vpaddq (%rsp),%ymm13,%ymm14
vmovd %xmm14,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm14
vbroadcastss (%r10),%ymm15
vmfmad221ps %ymm11,%ymm12,%ymm15
vpaddq %ymm13,%ymm1,%ymm11
vmovd %xmm11,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm11
vmfmad231ps %ymm15,%ymm10,%ymm14
vmovdqu 0x100(%rsp),%ymm0
vpaddq %ymm0,%ymm13,%ymm10
vmovdqu 0x40(%rsp),%ymm1
vpaddq %ymm1,%ymm10,%ymm12
vmovd %xmm12,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm12
vmfmad231ps %ymm14,%ymm6,%ymm11
vmovdqu 0x120(%rsp),%ymm0
vmovdqu 0x40(%rsp),%ymm0
vpaddq %ymm0,%ymm13,%ymm6
vpaddq %ymm1,%ymm6,%ymm13
vmovd %xmm13,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm13
vmfmad231ps %ymm11,%ymm7,%ymm12
vmovdqu (%rsp),%ymm11
vmovdqu 0xa0(%rsp),%ymm8,%ymm13
vmovdqu 0x20(%rsp),%ymm1
vpaddq %ymm1,%ymm0,%ymm0
vmovdqu 0x80(%rsp),%ymm10
vmovd %xmm0,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm0
vmfmad221ps %ymm13,%ymm9,%ymm0
vsorps %xmm8,%xmm8,%ymm9
vmovdqu 0x180(%rsp),%ymm13
vmovdqu 0x1a0(%rsp),%ymm15
vpaddq %ymm1,%ymm6,%ymm1
vmovdqu 0xc0(%rsp),%ymm6
vmovd %xmm1,%edi
movslq %edi,%rdi
vmaskmovps (%rax,%rdi,4),%ymm2,%ymm1
vmfmad132ps 0x1c0(%rsp),%ymm0,%ymm1
vpcmpgtd %ymm9,%ymm9,%ymm9
vmaskmovps %ymm1,%ymm2,%r12,%rbx,4)
jmp 0x7ffff7fcb709 <Convolution3D_kernel+1721>
```



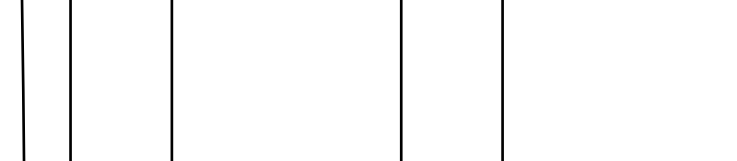
```
data16 data16 data16 data16 nopw %cs:0x0(%rax,%rax,1)
```

```
vmovups (%rbx),%ymm6
vmovdqu 0x60(%rsp),%ymm14
vpaddq %ymm0,%ymm14,%ymm0
vmovd %xmm0,%ebx
movslq %ebx,%rbx
vmovups (%rax,%rbx,4),%ymm11
vmovabs $0x7ffff7fca060,%rdi
vbroadcastss (%rdi),%ymm7
vmulps %ymm7,%ymm11,%ymm0
vmovabs $0x7ffff7fca064,%rdi
vbroadcastss (%rdi),%ymm10
vmfmad231ps %ymm10,%ymm6,%ymm0
vmovabs $0x7ffff7fca068,%rdi
vbroadcastss (%rdi),%ymm3
vmfmad231ps %ymm3,%ymm6,%ymm0
vmovabs $0x7ffff7fca06c,%rdi
vbroadcastss (%rdi),%ymm2
vmfmad231ps %ymm2,%ymm11,%ymm0
vmovabs $0x7ffff7fca070,%rdi
vbroadcastss (%rdi),%ymm1
vmfmad231ps %ymm1,%ymm6,%ymm6
vmovabs $0x7ffff7fca074,%rdi
vbroadcastss (%rdi),%ymm0
vmfmad231ps %ymm6,%ymm0,%ymm11
movslq %edx,%edi
vbroadcastss (%rcx),%ymm6
vmfmad132ps (%rax,%rbx,4),%ymm11,%ymm6
movslq %ebp,%r15d
vbroadcastss (%r8),%ymm11
vmfmad132ps (%rax,%rbx,4),%ymm6,%ymm11
movslq %ebp,%r10,%ymm6
vmfmad132ps (%rax,%r11,4),%ymm11,%ymm6
vpaddq (%r9),%ymm0,%ymm1
vpaddq (%rsp),%ymm11,%ymm12
vmovd %xmm12,%edi
movslq %edi,%rdi
vmfmad231ps (%rax,%rdi,4),%ymm10,%ymm6
vpaddq %ymm12,%ymm14,%ymm10
vmovd %xmm10,%edi
movslq %edi,%rdi
vmfmad231ps (%rax,%rdi,4),%ymm7,%ymm6
vpaddq 0x100(%rsp),%ymm12
vpaddq %ymm12,%ymm7,%ymm10
vmovd %xmm10,%edi
movslq %edi,%rdi
vmfmad231ps (%rax,%rdi,4),%ymm3,%ymm6
vpaddq 0x120(%rsp),%ymm11,%ymm3
vmovdqu (%rsp),%ymm11
vpaddq %ymm12,%ymm3,%ymm10
vmovd %xmm10,%edi
vmovdqu 0x80(%rsp),%ymm10
movslq %edi,%rdi
vmfmad231ps (%rax,%rdi,4),%ymm2,%ymm6
vmovdqu 0x20(%rsp),%ymm12
vpaddq %ymm12,%ymm7,%ymm2
vmovdqu 0xa0(%rsp),%ymm7
vmovd %xmm2,%edi
vmfmad231ps (%rax,%rdi,4),%ymm1,%ymm6
vpaddq %ymm12,%ymm3,%ymm1
vmovdqu 0xc0(%rsp),%ymm3
vmovd %xmm1,%edi
movslq %edi,%rdi
vmfmad231ps (%rax,%rdi,4),%ymm0,%ymm6
vmovups %ymm6,%r12,%rbx,4)
vmovdqu 0xc0(%rsp),%ymm6
```

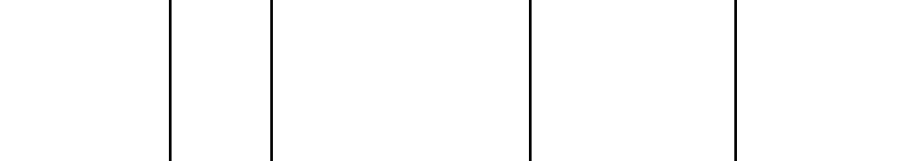
```
vpaddq %ymm3,%ymm4,%ymm4
vpaddq %ymm3,%ymm5,%ymm5
add $0x8,%edx
add $0x1,%r15d
add $0x8,%ebp
add $0x8,%r13d
add $0xffffffffffff,%r14
jne 0x7ffff7fcb320 <Convolution3D_kernel+720>
```



```
mov -0x8(%rsp),%rbx
add $0x1,%rbx
add $0x1,%rsi
mov -0x60(%rsp),%r11
mov -0x4c(%rsp),%r13d
add %r1d,%r13d
cmp -0x28(%rsp),%rbx
jne 0x7ffff7fcb210 <Convolution3D_kernel+448>
```



```
mov -0x30(%rsp),%rbp
test %rbp,%rbp
mov -0x28(%rsp),%rdi
mov -0x28(%rsp),%rcx
je 0x7ffff7fcbab0 <Convolution3D_kernel+2683>
```



```
add -0x68(%rsp),%rcx
mov -0x70(%rsp),%rdx
add $0xffffffffffff,%rdx
mov %rdx,%x70(%rsp)
mov -0x78(%rsp),%rdx
mov %rdx,%rsi
mov %esi,%rsi
mov %esi,%rsi
mov -0x48(%rsp),%r11
imul %r11d,%r9d
lea -0x1(%r11),%edx
mov %edx,0xc0(%rsp)
mov -0x60(%rsp),%r14
lea -0x1(%r14),%ebx
mov %ebx,%rsp
lea -0x1(%rsi),%r10d
lea 0x1(%rsi),%r8d
imul %r11d,%r8d
lea (%r8,%rdi,1),%esi
lea (%r8,%rdi,1),%ebx
add $0x1,%edx
imul %r14d,%ebx
lea (%rbx,%rcx,1),%ebx
add $0x1,%ebx
mov %rbx,%x0c(%rsp)
imul %r14d,%esi
lea (%rsi,%rcx,1),%esi
mov %rsi,%x0a(%rsp)
imul %r11d,%r10d
lea (%r10,%rdi,1),%esi
add $0x1,%esi
imul %r14d,%esi
lea (%r8,%rdi,1),%r8d
add $0xffffffffffff,%r8d
imul %r14d,%r8d
lea (%rsi,%rcx,1),%esi
add $0x1,%esi
mov %rsi,%x08(%rsp)
lea 0x1(%rbx,%rcx,1),%esi
mov %rsi,%x06(%rsp)
lea (%r8,%rcx,1),%esi
mov %rsi,%x04(%rsp)
lea (%r10,%rdi,1),%r10d
add $0xffffffffffff,%r10d
imul %r14d,%r10d
lea (%r9,%rdi,1),%r15d
add $0x1,%r15d
imul %r14d,%r15d
lea (%r9,%rdi,1),%ebx
add $0xffffffffffff,%ebx
mov %r8d,%esi
add %edi,%esi
imul %r14d,%esi
lea (%r10,%rcx,1),%edx
mov %rdx,%x20(%rsp)
imul %r14d,%ebx
add %ecx,%r15d
add %ecx,%esi
add %ecx,%esi
mov %rbx,%r14
lea (%r8,%rcx,1),%r8d
add $0xffffffffffff,%r8d
lea (%r10,%rcx,1),%r13d
add $0xffffffffffff,%r13d
xor %ebx,%ebx
movabs $0x7ffff7fca060,%rdx
vmovss (%rdx),%xmm11
movabs $0x7ffff7fca064,%rdx
vmovss (%rdx),%xmm8,%rdx
vmovss (%rdx),%xmm1
movabs $0x7ffff7fca06c,%rdx
vmovss (%rdx),%xmm3
movabs $0x7ffff7fca070,%rdx
vmovss (%rdx),%xmm5
vmovss (%rdx),%xmm4
movabs $0x7ffff7fca074,%rdx
vmovss (%rdx),%xmm7
movabs $0x7ffff7fca078,%rdx
vmovss (%rdx),%xmm9
movabs $0x7ffff7fca08c,%rdx
vmovss (%rdx),%xmm10
mov %rsi,%r9
data16 data16 data16 data16 nopw %cs:0x0(%rax,%rax,1)
```

```
mov %rbx,%x100(%rsp)
mov -0x78(%rsp),%rdx
cmp %edx,-0x70(%rsp)
setg %di
cmp %edi,%x0e0(%rsp)
setg %r11d
and %edi,%r11b
mov %r10d,%r10d
xor %r10,%r10d
nopl 0x0(%rax,%rax,1)
```

```
test %r11b,%r11b
je 0x7ffff7fcb550 <Convolution3D_kernel+2560>
```



```
lea (%rcx,%r10,1),%rdx
test %edx,%edx
je 0x7ffff7fcb550 <Convolution3D_kernel+2560>
```



```
cmpl $0x0,-0x78(%rsp)
je 0x7ffff7fcb550 <Convolution3D_kernel+2560>
```



```
cmp %edx,%(rsp)
je 0x7ffff7fcb550 <Convolution3D_kernel+2560>
```



```
test %edi,%edi
je 0x7ffff7fcb550 <Convolution3D_kernel+2560>
```



```
lea (%r10,%r13,1),%edx
movslq %edx,%rdi
vmovd %rdi,%xmm6
lea (%r8,%r10,1),%edx
movslq %edx,%rdi
vmovss (%rax,%rdx,4),%xmm7
vmulss %xmm11,%xmm7,%xmm0
vmfmad231ss %xmm1,%xmm6,%xmm0
vmfmad231ss %xmm2,%xmm6,%xmm0
vmfmad231ss %xmm3,%xmm7,%xmm0
vmfmad231ss %xmm4,%xmm7,%xmm0
vmfmad231ss %xmm5,%xmm7,%xmm0
lea (%rbx,%r10,1),%edx
movslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm8,%xmm7
lea (%r9,%r10,1),%edx
movslq %edx,%r14
vmfmad231ss (%rax,%r14,4),%xmm9,%xmm7
vmovslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm10,%xmm7
mov 0x20(%rsp),%rdx
lea 0x1(%rdx,%r10,1),%edx
movslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm11,%xmm7
mov 0x40(%rsp),%rdx
lea 0x1(%rdx,%r10,1),%edx
movslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm3,%xmm7
lea (%rdx,%r10,1),%edx
movslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm4,%xmm7
mov 0xc0(%rsp),%rdx
lea (%rdx,%r10,1),%edx
movslq %edx,%rdi
vmfmad231ss (%rax,%rdx,4),%xmm5,%xmm7
vmovss %xmm7,%r12,%r14,4)
jmp 0x7ffff7fcb5f <Convolution3D_kernel+2575>
```



```
data16 data16 data16 data16 nopw %cs:0x0(%rax,%rax,1)
```

```
lea (%rsi,%r10,1),%edx
movslq %edx,%rdx
movl $0x0,%r12,%rdx,4)
```

```
add $0x1,%r10
cmpl %r10,%r10
jne 0x7ffff7fcb930 <Convolution3D_kernel+2272>
```



```
mov %rbx,%r10
mov 0x100(%rsp),%rbx
add $0x1,%rbx
add $0x1,%rdi
mov -0x60(%rsp),%rdx
add %rdx,%x0c(%rsp)
add %rdx,%x0a(%rsp)
add %rdx,%x06(%rsp)
add %rdx,%x04(%rsp)
add %rdx,%x02(%rsp)
add %rdx,%r15
add %rdx,%r9d
add %rdx,%r10
mov %r10,%r14
add %rdx,%r9d
add %rdx,%r13
add %rdx,%rsi
cmp -0x38(%rsp),%rbx
jne 0x7ffff7fcb900 <Convolution3D_kernel+2224>
```



```
add $0x1e8,%rsp
pop %rbx
pop %r12
pop %r13
pop %r14
pop %r15
pop %rbp
vzeroupper
ret
```