

```
push %rbp
push %r15
push %r14
push %r13
push %r12
push %rbx
movslq 0x18(%rdi),%rax
movslq 0x1c(%rdi),%r12
mov 0x58(%rdi),%rcx
mov 0x60(%rdi),%rdx
mov (%rsi),%rbp
imul %rcx,%rbp
add 0x28(%rdi),%rbp
mov 0x8(%rsi),%rsi
imul %rdx,%rsi
add 0x30(%rdi),%rsi
lea -0x1(%rax),%r15
lea -0x1(%r12),%r8
add %rsi,%rdx
cmp %r15,%rdx
cmovle %rdx,%r15
test %rax,%rax
cmovle %rdx,%r15
add %rbp,%rcx
cmp %r8,%rcx
cmovle %rcx,%r8
test %r12,%r12
cmovle %rcx,%r8
sub %rbp,%r8
test %r8,%r8
jle 0x7fff7fcb935 <fdtd_kernel3+533>
```

No Jump	Jump
---------	------

```
sub %rsi,%r15
test %r15,%r15
jle 0x7fff7fcb935 <fdtd_kernel3+533>
```

No Jump	Jump
---------	------

```
mov %rbp,-0x18(%rsp)
mov %rsi,-0x10(%rsp)
mov (%rdi),%rsi
mov 0x8(%rdi),%rdx
mov 0x10(%rdi),%rdi
mov %r8,%r11
sar $0x3,%r11
mov %r8,%rax
and $0xffffffffffff8,%rax
mov %rax,-0x8(%rsp)
sub %rax,%r8
test %r11,%r11
je 0x7fff7fcb885 <fdtd_kernel3+357>
```

No Jump	Jump
---------	------

```
mov -0x10(%rsp),%rax
lea 0x1(%rax),%r13d
imul %r12d,%r13d
mov -0x18(%rsp),%rcx
add %ecx,%r13d
imul %r12d,%eax
lea (%rax,%rcx,1),%r9d
add $0x1,%r9d
xor %ecx,%ecx
movabs $0x7fff7fca060,%rax
vbroadcastsd (%rax),%ymm0
nopw 0x0(%rax,%rax,1)
```

```
mov %r9d,%eax
mov %r13d,%ebp
mov %r11,%r14
nopl 0x0(%rax)
```

```
lea -0x1(%rax),%r10d
movslq %r10d,%rbx
vcvtps2pd (%rdi,%rbx,4),%ymm1
vcvtps2pd 0x10(%rdi,%rbx,4),%ymm2
cltq
vmovups (%rsi,%rax,4),%ymm3
vsubps (%rsi,%rbx,4),%ymm3,%ymm3
movslq %ebp,%rbp
vaddps (%rdx,%rbp,4),%ymm3,%ymm3
vsubps (%rdx,%rbx,4),%ymm3,%ymm3
vcvtps2pd %xmm3,%ymm4
vextractf128 $0x1,%ymm3,%xmm3
vcvtps2pd %xmm3,%ymm3
vfnmadd213pd %ymm2,%ymm0,%ymm3
vfnmadd213pd %ymm1,%ymm0,%ymm4
vcvtpd2ps %ymm4,%xmm1
vcvtpd2ps %ymm3,%xmm2
vinsertf128 $0x1,%xmm2,%ymm1,%ymm1
vmovupd %ymm1, (%rdi,%rbx,4)
add $0x8,%ebp
add $0x8,%eax
add $0xffffffffffffff,%r14
jne 0x7fff7fcb810 <fdtd_kernel3+240>
```

No Jump	Jump
---------	------

```
add $0x1,%rcx
add %r12d,%r13d
add %r12d,%r9d
cmp %r15,%rcx
jne 0x7fff7fcb800 <fdtd_kernel3+224>
```

No Jump	Jump
---------	------

```
test %r8,%r8
mov -0x10(%rsp),%rax
mov -0x18(%rsp),%rcx
je 0x7fff7fcb935 <fdtd_kernel3+533>
```

No Jump	Jump
---------	------

```
mov -0x8(%rsp),%rbp
add %rcx,%rbp
lea 0x1(%rax),%r10d
imul %r12d,%r10d
add %ebp,%r10d
imul %r12d,%eax
lea (%rax,%rbp,1),%r9d
add $0x1,%r9d
xor %r11d,%r11d
movabs $0x7fff7fca068,%rax
vmovsd (%rax),%xmm0
nopl 0x0(%rax,%rax,1)
```

```
mov %r9d,%eax
mov %r10d,%ebp
mov %r8,%rcx
nopl 0x0(%rax)
```

```
lea -0x1(%rax),%ebx
movslq %ebx,%rbx
vmovss (%rdi,%rbx,4),%xmm1
vcvtss2sd %xmm1,%xmm1,%xmm1
cltq
vmovss (%rsi,%rax,4),%xmm2
vsubss (%rsi,%rbx,4),%xmm2,%xmm2
movslq %ebp,%rbp
vaddss (%rdx,%rbp,4),%xmm2,%xmm2
vsubss (%rdx,%rbx,4),%xmm2,%xmm2
vcvtss2sd %xmm2,%xmm2,%xmm2
vfmadd132sd %xmm0,%xmm1,%xmm2
vcvtss2ss %xmm2,%xmm2,%xmm1
vmovss %xmm1, (%rdi,%rbx,4)
add $0x1,%ebp
add $0x1,%eax
add $0xffffffffffffff,%rcx
jne 0x7fff7fcb8e0 <fdtd_kernel3+448>
```

No Jump	Jump
---------	------

```
add $0x1,%r11
add %r12d,%r10d
add %r12d,%r9d
cmp %r15,%r11
jne 0x7fff7fcb8d0 <fdtd_kernel3+432>
```

No Jump	Jump
---------	------

```
pop %rbx
pop %r12
pop %r13
pop %r14
pop %r15
pop %rbp
vzeroupper
ret
```