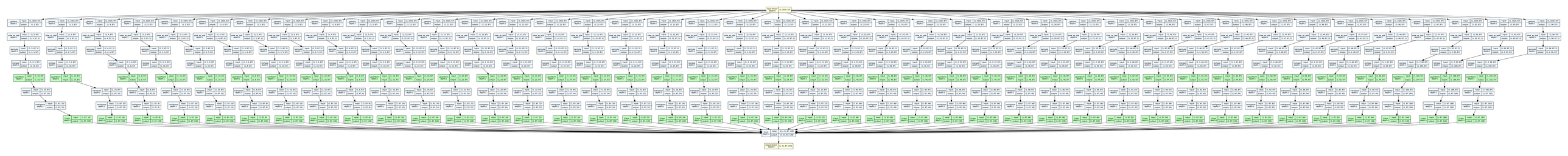

input-tensor
depth:0 (1, 1025, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 4, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 4, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 4, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 5, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 11, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 11, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 11, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 11, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 12, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 11, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 24, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 24, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 23, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 46, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 47, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 46, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 47, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 46, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 47, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 46, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 47, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 92, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 93, 87)

__getitem__
depth:1

input: (1, 1025, 87)

output: (1, 96, 87)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

stack
depth:1

input: 41 x (1, 87, 128)

output: (1, 41, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 4, 87)

output: (1, 4, 87, 2)

permute
depth:1

input: (1, 4, 87, 2)

output: (1, 2, 4, 87)

reshape
depth:1

input: (1, 2, 4, 87)

output: (1, 8, 87)

LayerNorm
depth:1

input: (1, 8, 87)

output: (1, 8, 87)

transpose
depth:1

input: (1, 8, 87)

output: (1, 87, 8)

contiguous
depth:1

input: (1, 87, 8)

output: (1, 87, 8)

Linear
depth:1

input: (1, 87, 8)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 4, 87)

output: (1, 4, 87, 2)

permute
depth:1

input: (1, 4, 87, 2)

output: (1, 2, 4, 87)

reshape
depth:1

input: (1, 2, 4, 87)

output: (1, 8, 87)

LayerNorm
depth:1

input: (1, 8, 87)

output: (1, 8, 87)

transpose
depth:1

input: (1, 8, 87)

output: (1, 87, 8)

contiguous
depth:1

input: (1, 87, 8)

output: (1, 87, 8)

Linear
depth:1

input: (1, 87, 8)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 4, 87)

output: (1, 4, 87, 2)

permute
depth:1

input: (1, 4, 87, 2)

output: (1, 2, 4, 87)

reshape
depth:1

input: (1, 2, 4, 87)

output: (1, 8, 87)

LayerNorm
depth:1

input: (1, 8, 87)

output: (1, 8, 87)

transpose
depth:1

input: (1, 8, 87)

output: (1, 87, 8)

contiguous
depth:1

input: (1, 87, 8)

output: (1, 87, 8)

Linear
depth:1

input: (1, 87, 8)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 5, 87)

output: (1, 5, 87, 2)

permute
depth:1

input: (1, 5, 87, 2)

output: (1, 2, 5, 87)

reshape
depth:1

input: (1, 2, 5, 87)

output: (1, 10, 87)

LayerNorm
depth:1

input: (1, 10, 87)

output: (1, 10, 87)

transpose
depth:1

input: (1, 10, 87)

output: (1, 87, 10)

contiguous
depth:1

input: (1, 87, 10)

output: (1, 87, 10)

Linear
depth:1

input: (1, 87, 10)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 11, 87)

output: (1, 11, 87, 2)

permute
depth:1

input: (1, 11, 87, 2)

output: (1, 2, 11, 87)

reshape
depth:1

input: (1, 2, 11, 87)

output: (1, 22, 87)

LayerNorm
depth:1

input: (1, 22, 87)

output: (1, 22, 87)

transpose
depth:1

input: (1, 22, 87)

output: (1, 87, 22)

contiguous
depth:1

input: (1, 87, 22)

output: (1, 87, 22)

Linear
depth:1

input: (1, 87, 22)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 11, 87)

output: (1, 11, 87, 2)

permute
depth:1

input: (1, 11, 87, 2)

output: (1, 2, 11, 87)

reshape
depth:1

input: (1, 2, 11, 87)

output: (1, 22, 87)

LayerNorm
depth:1

input: (1, 22, 87)

output: (1, 22, 87)

transpose
depth:1

input: (1, 22, 87)

output: (1, 87, 22)

contiguous
depth:1

input: (1, 87, 22)

output: (1, 87, 22)

Linear
depth:1

input: (1, 87, 22)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 11, 87)

output: (1, 11, 87, 2)

permute
depth:1

input: (1, 11, 87, 2)

output: (1, 2, 11, 87)

reshape
depth:1

input: (1, 2, 11, 87)

output: (1, 22, 87)

LayerNorm
depth:1

input: (1, 22, 87)

output: (1, 22, 87)

transpose
depth:1

input: (1, 22, 87)

output: (1, 87, 22)

contiguous
depth:1

input: (1, 87, 22)

output: (1, 87, 22)

Linear
depth:1

input: (1, 87, 22)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 11, 87)

output: (1, 11, 87, 2)

permute
depth:1

input: (1, 11, 87, 2)

output: (1, 2, 11, 87)

reshape
depth:1

input: (1, 2, 11, 87)

output: (1, 22, 87)

LayerNorm
depth:1

input: (1, 22, 87)

output: (1, 22, 87)

transpose
depth:1

input: (1, 22, 87)

output: (1, 87, 22)

contiguous
depth:1

input: (1, 87, 22)

output: (1, 87, 22)

Linear
depth:1

input: (1, 87, 22)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 12, 87)

output: (1, 12, 87, 2)

permute
depth:1

input: (1, 12, 87, 2)

output: (1, 2, 12, 87)

reshape
depth:1

input: (1, 2, 12, 87)

output: (1, 24, 87)

LayerNorm
depth:1

input: (1, 24, 87)

output: (1, 24, 87)

transpose
depth:1

input: (1, 24, 87)

output: (1, 87, 24)

contiguous
depth:1

input: (1, 87, 24)

output: (1, 87, 24)

Linear
depth:1

input: (1, 87, 24)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 11, 87)

output: (1, 11, 87, 2)

permute
depth:1

input: (1, 11, 87, 2)

output: (1, 2, 11, 87)

reshape
depth:1

input: (1, 2, 11, 87)

output: (1, 22, 87)

LayerNorm
depth:1

input: (1, 22, 87)

output: (1, 22, 87)

transpose
depth:1

input: (1, 22, 87)

output: (1, 87, 22)

contiguous
depth:1

input: (1, 87, 22)

output: (1, 87, 22)

Linear
depth:1

input: (1, 87, 22)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 24, 87)

output: (1, 24, 87, 2)

permute
depth:1

input: (1, 24, 87, 2)

output: (1, 2, 24, 87)

reshape
depth:1

input: (1, 2, 24, 87)

output: (1, 48, 87)

LayerNorm
depth:1

input: (1, 48, 87)

output: (1, 48, 87)

transpose
depth:1

input: (1, 48, 87)

output: (1, 87, 48)

contiguous
depth:1

input: (1, 87, 48)

output: (1, 87, 48)

Linear
depth:1

input: (1, 87, 48)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 24, 87)

output: (1, 24, 87, 2)

permute
depth:1

input: (1, 24, 87, 2)

output: (1, 2, 24, 87)

reshape
depth:1

input: (1, 2, 24, 87)

output: (1, 48, 87)

LayerNorm
depth:1

input: (1, 48, 87)

output: (1, 48, 87)

transpose
depth:1

input: (1, 48, 87)

output: (1, 87, 48)

contiguous
depth:1

input: (1, 87, 48)

output: (1, 87, 48)

Linear
depth:1

input: (1, 87, 48)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 23, 87)

output: (1, 23, 87, 2)

permute
depth:1

input: (1, 23, 87, 2)

output: (1, 2, 23, 87)

reshape
depth:1

input: (1, 2, 23, 87)

output: (1, 46, 87)

LayerNorm
depth:1

input: (1, 46, 87)

output: (1, 46, 87)

transpose
depth:1

input: (1, 46, 87)

output: (1, 87, 46)

contiguous
depth:1

input: (1, 87, 46)

output: (1, 87, 46)

Linear
depth:1

input: (1, 87, 46)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 46, 87)

output: (1, 46, 87, 2)

permute
depth:1

input: (1, 46, 87, 2)

output: (1, 2, 46, 87)

reshape
depth:1

input: (1, 2, 46, 87)

output: (1, 92, 87)

LayerNorm
depth:1

input: (1, 92, 87)

output: (1, 92, 87)

transpose
depth:1

input: (1, 92, 87)

output: (1, 87, 92)

contiguous
depth:1

input: (1, 87, 92)

output: (1, 87, 92)

Linear
depth:1

input: (1, 87, 92)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 47, 87)

output: (1, 47, 87, 2)

permute
depth:1

input: (1, 47, 87, 2)

output: (1, 2, 47, 87)

reshape
depth:1

input: (1, 2, 47, 87)

output: (1, 94, 87)

LayerNorm
depth:1

input: (1, 94, 87)

output: (1, 94, 87)

transpose
depth:1

input: (1, 94, 87)

output: (1, 87, 94)

contiguous
depth:1

input: (1, 87, 94)

output: (1, 87, 94)

Linear
depth:1

input: (1, 87, 94)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 46, 87)

output: (1, 46, 87, 2)

permute
depth:1

input: (1, 46, 87, 2)

output: (1, 2, 46, 87)

reshape
depth:1

input: (1, 2, 46, 87)

output: (1, 92, 87)

LayerNorm
depth:1

input: (1, 92, 87)

output: (1, 92, 87)

transpose
depth:1

input: (1, 92, 87)

output: (1, 87, 92)

contiguous
depth:1

input: (1, 87, 92)

output: (1, 87, 92)

Linear
depth:1

input: (1, 87, 92)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 47, 87)

output: (1, 47, 87, 2)

permute
depth:1

input: (1, 47, 87, 2)

output: (1, 2, 47, 87)

reshape
depth:1

input: (1, 2, 47, 87)

output: (1, 94, 87)

LayerNorm
depth:1

input: (1, 94, 87)

output: (1, 94, 87)

transpose
depth:1

input: (1, 94, 87)

output: (1, 87, 94)

contiguous
depth:1

input: (1, 87, 94)

output: (1, 87, 94)

Linear
depth:1

input: (1, 87, 94)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 46, 87)

output: (1, 46, 87, 2)

permute
depth:1

input: (1, 46, 87, 2)

output: (1, 2, 46, 87)

reshape
depth:1

input: (1, 2, 46, 87)

output: (1, 92, 87)

LayerNorm
depth:1

input: (1, 92, 87)

output: (1, 92, 87)

transpose
depth:1

input: (1, 92, 87)

output: (1, 87, 92)

contiguous
depth:1

input: (1, 87, 92)

output: (1, 87, 92)

Linear
depth:1

input: (1, 87, 92)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 47, 87)

output: (1, 47, 87, 2)

permute
depth:1

input: (1, 47, 87, 2)

output: (1, 2, 47, 87)

reshape
depth:1

input: (1, 2, 47, 87)

output: (1, 94, 87)

LayerNorm
depth:1

input: (1, 94, 87)

output: (1, 94, 87)

transpose
depth:1

input: (1, 94, 87)

output: (1, 87, 94)

contiguous
depth:1

input: (1, 87, 94)

output: (1, 87, 94)

Linear
depth:1

input: (1, 87, 94)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 46, 87)

output: (1, 46, 87, 2)

permute
depth:1

input: (1, 46, 87, 2)

output: (1, 2, 46, 87)

reshape
depth:1

input: (1, 2, 46, 87)

output: (1, 92, 87)

LayerNorm
depth:1

input: (1, 92, 87)

output: (1, 92, 87)

transpose
depth:1

input: (1, 92, 87)

output: (1, 87, 92)

contiguous
depth:1

input: (1, 87, 92)

output: (1, 87, 92)

Linear
depth:1

input: (1, 87, 92)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 47, 87)

output: (1, 47, 87, 2)

permute
depth:1

input: (1, 47, 87, 2)

output: (1, 2, 47, 87)

reshape
depth:1

input: (1, 2, 47, 87)

output: (1, 94, 87)

LayerNorm
depth:1

input: (1, 94, 87)

output: (1, 94, 87)

transpose
depth:1

input: (1, 94, 87)

output: (1, 87, 94)

contiguous
depth:1

input: (1, 87, 94)

output: (1, 87, 94)

Linear
depth:1

input: (1, 87, 94)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 92, 87)

output: (1, 92, 87, 2)

permute
depth:1

input: (1, 92, 87, 2)

output: (1, 2, 92, 87)

reshape
depth:1

input: (1, 2, 92, 87)

output: (1, 184, 87)

LayerNorm
depth:1

input: (1, 184, 87)

output: (1, 184, 87)

transpose
depth:1

input: (1, 184, 87)

output: (1, 87, 184)

contiguous
depth:1

input: (1, 87, 184)

output: (1, 87, 184)

Linear
depth:1

input: (1, 87, 184)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 93, 87)

output: (1, 93, 87, 2)

permute
depth:1

input: (1, 93, 87, 2)

output: (1, 2, 93, 87)

reshape
depth:1

input: (1, 2, 93, 87)

output: (1, 186, 87)

LayerNorm
depth:1

input: (1, 186, 87)

output: (1, 186, 87)

transpose
depth:1

input: (1, 186, 87)

output: (1, 87, 186)

contiguous
depth:1

input: (1, 87, 186)

output: (1, 87, 186)

Linear
depth:1

input: (1, 87, 186)

output: (1, 87, 128)

view_as_real
depth:1

input: (1, 96, 87)

output: (1, 96, 87, 2)

permute
depth:1

input: (1, 96, 87, 2)

output: (1, 2, 96, 87)

reshape
depth:1

input: (1, 2, 96, 87)

output: (1, 192, 87)

LayerNorm
depth:1

input: (1, 192, 87)

output: (1, 192, 87)

transpose
depth:1

input: (1, 192, 87)

output: (1, 87, 192)

contiguous
depth:1

input: (1, 87, 192)

output: (1, 87, 192)

Linear
depth:1

input: (1, 87, 192)

output: (1, 87, 128)

output-tensor
depth:0 (1, 41, 87, 128)