

input

```
graph TD; input[input] -- "Wx1024" --> linear1[linear]; linear1 -- "Wx512" --> ReLU[ReLU]; ReLU --> Dropout[Dropout]; Dropout --> linear2[Linear]; linear2 -- "512x10" --> LogSoftmax[Log Softmax]; LogSoftmax -- "1x10" --> output[output];
```

$W \times 1024$

linear

$W \times 512$

ReLU

Dropout

Linear

512×10

Log Softmax

1×10

output