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)

(tensor\_clamp\_impl): TensorClamp()

)

)

)

)

(1): Dropout(p=0.2, inplace=False)

(2): QuantLinear(

in\_features=784, out\_features=62, bias=False

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)

)

(bias\_quant): BiasQuantProxyFromInjector(

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)

(3): BatchNorm1d(62, eps=1e-05, momentum=0.1, affine=True, track\_running\_stats=True)

(4): QuantIdentity(

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(act\_quant): ActQuantProxyFromInjector(

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(fused\_activation\_quant\_proxy): FusedActivationQuantProxy(

(activation\_impl): RecursiveScriptModule(original\_name=Identity)

(tensor\_quant): ClampedBinaryQuant(

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(zero\_point): StatelessBuffer()

(delay\_wrapper): DelayWrapper(

(delay\_impl): \_NoDelay()

)

(tensor\_clamp\_impl): TensorClamp()

)

)

)

)

(5): Dropout(p=0.2, inplace=False)

(6): QuantLinear(

in\_features=62, out\_features=65, bias=False

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(output\_quant): ActQuantProxyFromInjector(

(\_zero\_hw\_sentinel): StatelessBuffer()

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(weight\_quant): WeightQuantProxyFromInjector(

(\_zero\_hw\_sentinel): StatelessBuffer()

(tensor\_quant): BinaryQuant(

(scaling\_impl): ConstScaling(

(restrict\_clamp\_scaling): \_RestrictClampValue(

(clamp\_min\_ste): Identity()

(restrict\_value\_impl): FloatRestrictValue()

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)

(bit\_width): BitWidthConst(

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(zero\_point): StatelessBuffer()

(delay\_wrapper): DelayWrapper(

(delay\_impl): \_NoDelay()

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)

)

(bias\_quant): BiasQuantProxyFromInjector(

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)

(7): BatchNorm1d(65, eps=1e-05, momentum=0.1, affine=True, track\_running\_stats=True)

(8): QuantIdentity(

(input\_quant): ActQuantProxyFromInjector(

(\_zero\_hw\_sentinel): StatelessBuffer()

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(act\_quant): ActQuantProxyFromInjector(

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(fused\_activation\_quant\_proxy): FusedActivationQuantProxy(

(activation\_impl): RecursiveScriptModule(original\_name=Identity)

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(delay\_wrapper): DelayWrapper(

(delay\_impl): \_NoDelay()

)

(tensor\_clamp\_impl): TensorClamp()

)

)

)

)

(9): Dropout(p=0.2, inplace=False)

(10): QuantLinear(

in\_features=65, out\_features=65, bias=False

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(output\_quant): ActQuantProxyFromInjector(

(\_zero\_hw\_sentinel): StatelessBuffer()

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(restrict\_clamp\_scaling): \_RestrictClampValue(

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(value): StatelessBuffer()

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(bit\_width): BitWidthConst(

(bit\_width): StatelessBuffer()

)

(zero\_point): StatelessBuffer()

(delay\_wrapper): DelayWrapper(

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)

)

)

(bias\_quant): BiasQuantProxyFromInjector(

(\_zero\_hw\_sentinel): StatelessBuffer()

)

)

(11): BatchNorm1d(65, eps=1e-05, momentum=0.1, affine=True, track\_running\_stats=True)

(12): QuantIdentity(

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(act\_quant): ActQuantProxyFromInjector(

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(fused\_activation\_quant\_proxy): FusedActivationQuantProxy(

(activation\_impl): RecursiveScriptModule(original\_name=Identity)

(tensor\_quant): ClampedBinaryQuant(

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(zero\_point): StatelessBuffer()

(delay\_wrapper): DelayWrapper(

(delay\_impl): \_NoDelay()

)

(tensor\_clamp\_impl): TensorClamp()

)

)

)

)

(13): Dropout(p=0.2, inplace=False)

(14): QuantLinear(

in\_features=65, out\_features=10, bias=False

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(output\_quant): ActQuantProxyFromInjector(

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(weight\_quant): WeightQuantProxyFromInjector(

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(tensor\_quant): BinaryQuant(

(scaling\_impl): ConstScaling(

(restrict\_clamp\_scaling): \_RestrictClampValue(

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(delay\_wrapper): DelayWrapper(

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)

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)

(15): TensorNorm()

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-9.9994134903e-01, 1.3145891950e-02, 3.7839118158e-04,

-1.3834728301e-01, 9.9941593409e-01, 9.9994462729e-01,

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features.11.weight:

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1.4216413498e+00, 4.0629391151e-05, 1.1909638643e+00,

1.8951719999e+00, 1.3482242823e+00, -3.4840391891e-05,

1.3477902412e+00, 1.3866264820e+00, 2.1426885128e+00,

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1.7540496588e+00, 1.1694201231e+00, 1.4810255766e+00,

1.8418147564e+00, 1.5105657578e+00, 1.1267836094e+00,

1.6614665985e+00, 1.3574274778e+00, 1.3376743793e+00,

1.4544309378e+00, -5.6565831983e-06, 1.5516713858e+00,

1.5464905500e+00, 1.4836204052e+00, 1.9834110737e+00,

1.3534352779e+00, -1.5781271941e-05, 1.2423399687e+00,

1.5038179159e+00, 1.3494566679e+00, 1.2106725990e-05,

1.3494136333e+00, 1.5144308805e+00, -1.4690895114e-06,

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1.4251202345e+00, 1.4905538559e+00, 1.3173819780e+00,

1.3621649742e+00, 1.4844118357e+00, 1.6617908478e+00,

1.3683024645e+00, 1.6148688793e+00, 1.8736286163e+00,

1.6347850561e+00, 1.5068693161e+00, 1.6955254078e+00,

1.5289618969e+00, 1.4127980471e+00, 1.4249994755e+00,

1.5395920277e+00, 1.7248276472e+00, 1.6811408997e+00,

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features.11.bias:

Parameter containing:

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9.5537805464e-04, -3.0857638194e-05, 9.9492855370e-02,

-2.5377327576e-02, -7.6257668436e-02, 2.7200103432e-05,

-6.4386334270e-03, 1.5750030056e-02, 4.6776682138e-01,

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-7.9757943749e-02, -2.0593397494e-05, -4.0131632239e-02,

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7.5319945812e-02, 9.2971146107e-02, -4.5703351498e-02,

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-4.0553238988e-01, -9.8504662514e-02, -1.2261313200e-01,

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features.14.weight:

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features.15.weight:

Parameter containing:

tensor([0.6373372674], requires\_grad=True)

features.15.bias:

Parameter containing:

tensor([-1.0495747328], requires\_grad=True)