```
EnhancedHybridModel
(classical_net): Sequential
(0): Conv2d(1, 16, kernel_size=(3,3), stride=(1,1),
padding=(1,1))
(1): BatchNorm2d(16)
(2): ReLU()
(3): MaxPool2d(kernel_size=2, stride=2)
(4): Conv2d(16, 32, kernel_size=(3,3), stride=(1,1),
padding=(1,1))
(5): BatchNorm2d(32)
(6): ReLU()
(7): MaxPool2d(kernel_size=2, stride=2)
(8): AdaptiveAvgPool2d(output_size=(4,4))
```

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```
(feature_reducer): Sequential
(0): Linear(512→256)
(1): ReLU()
(2): Linear(256→16)
(3): Softmax(dim=1)
```

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(qlayer): <Quantum Torch Layer: func=quantum_circuit>
```

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```
(head): Sequential
(0): Linear(4→128)
(1): BatchNorm1d(128)
(2): ReLU()
(3): Dropout(p=0.3)
(4): Linear(128→10)
```