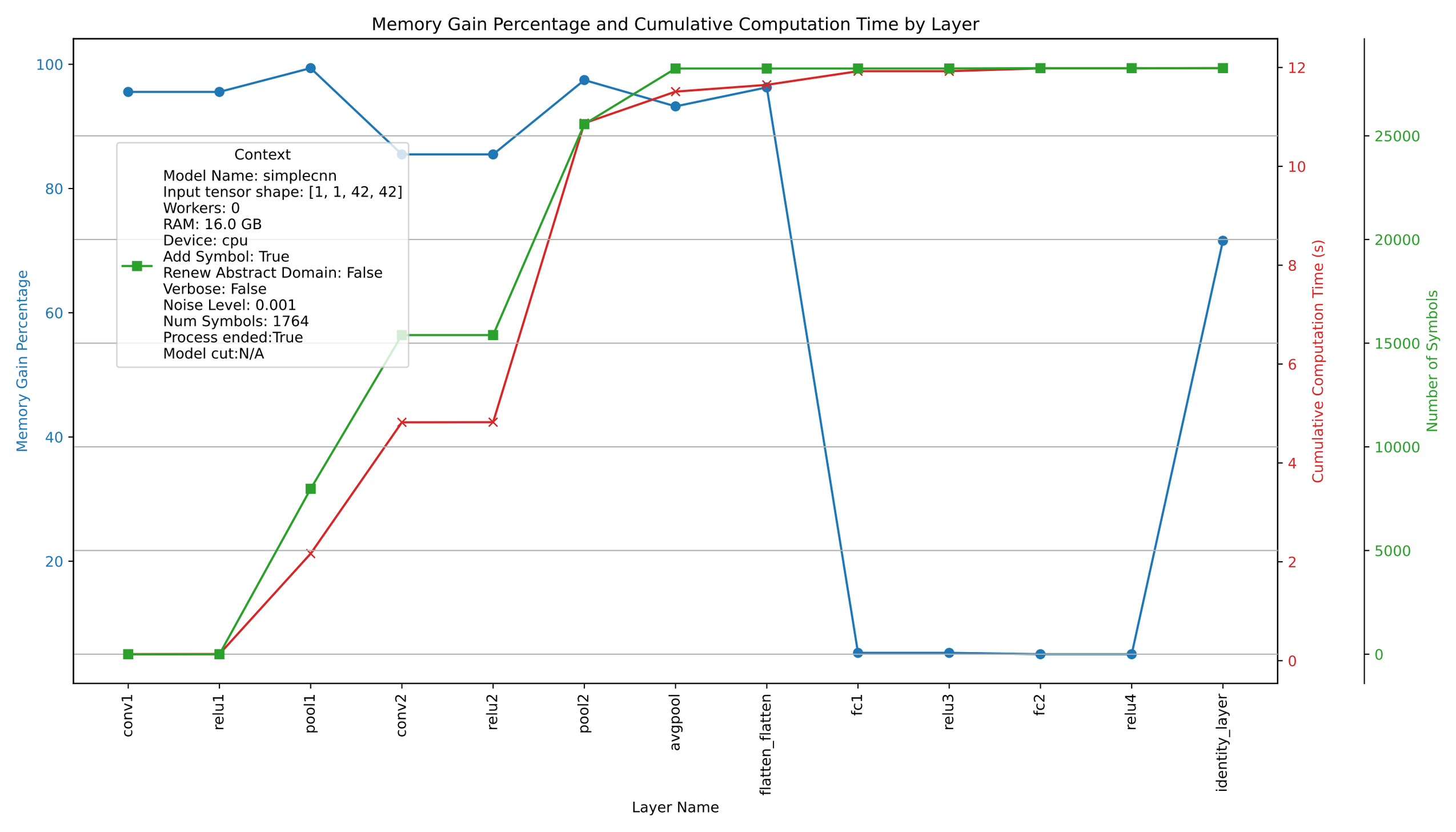
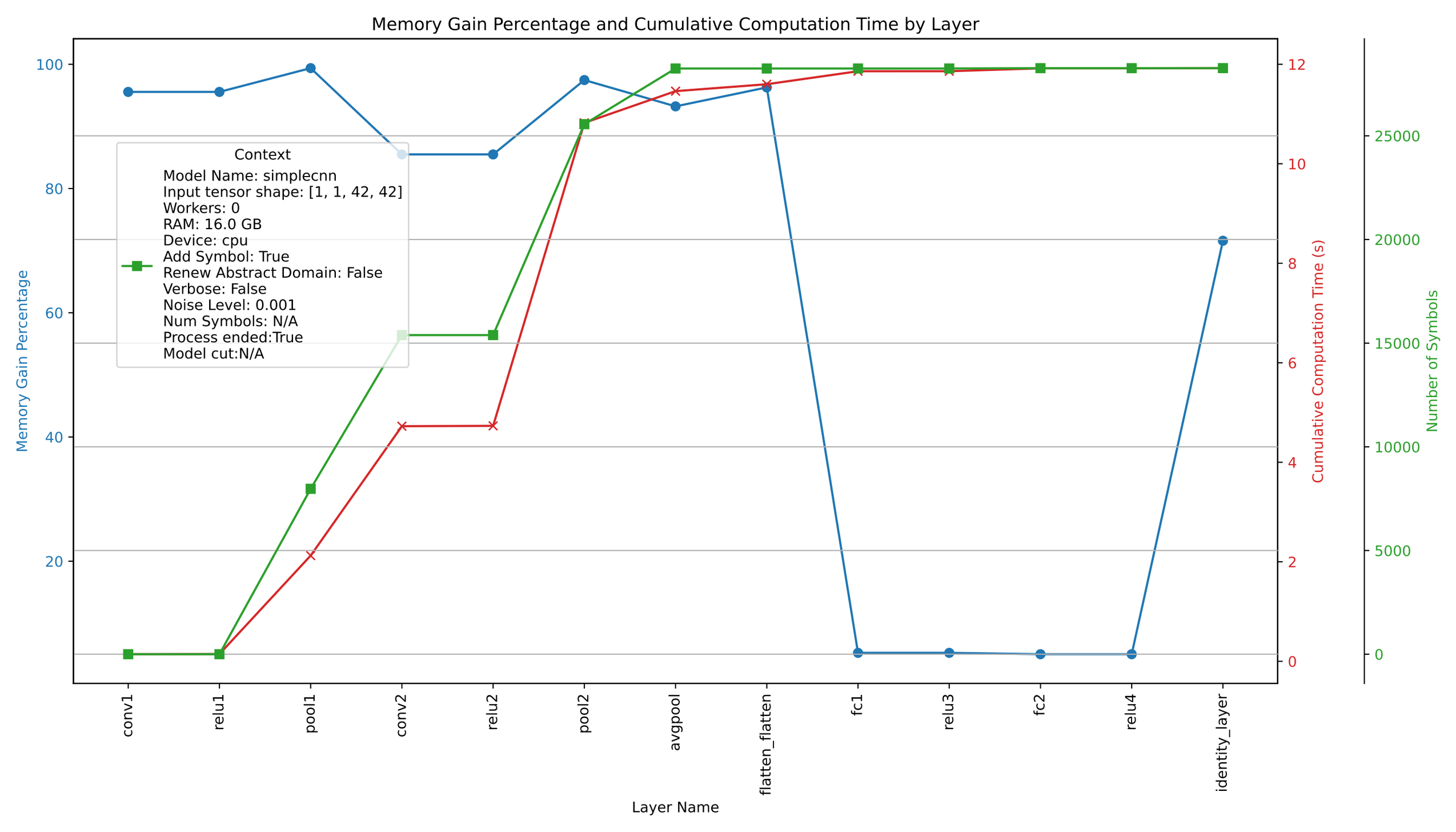
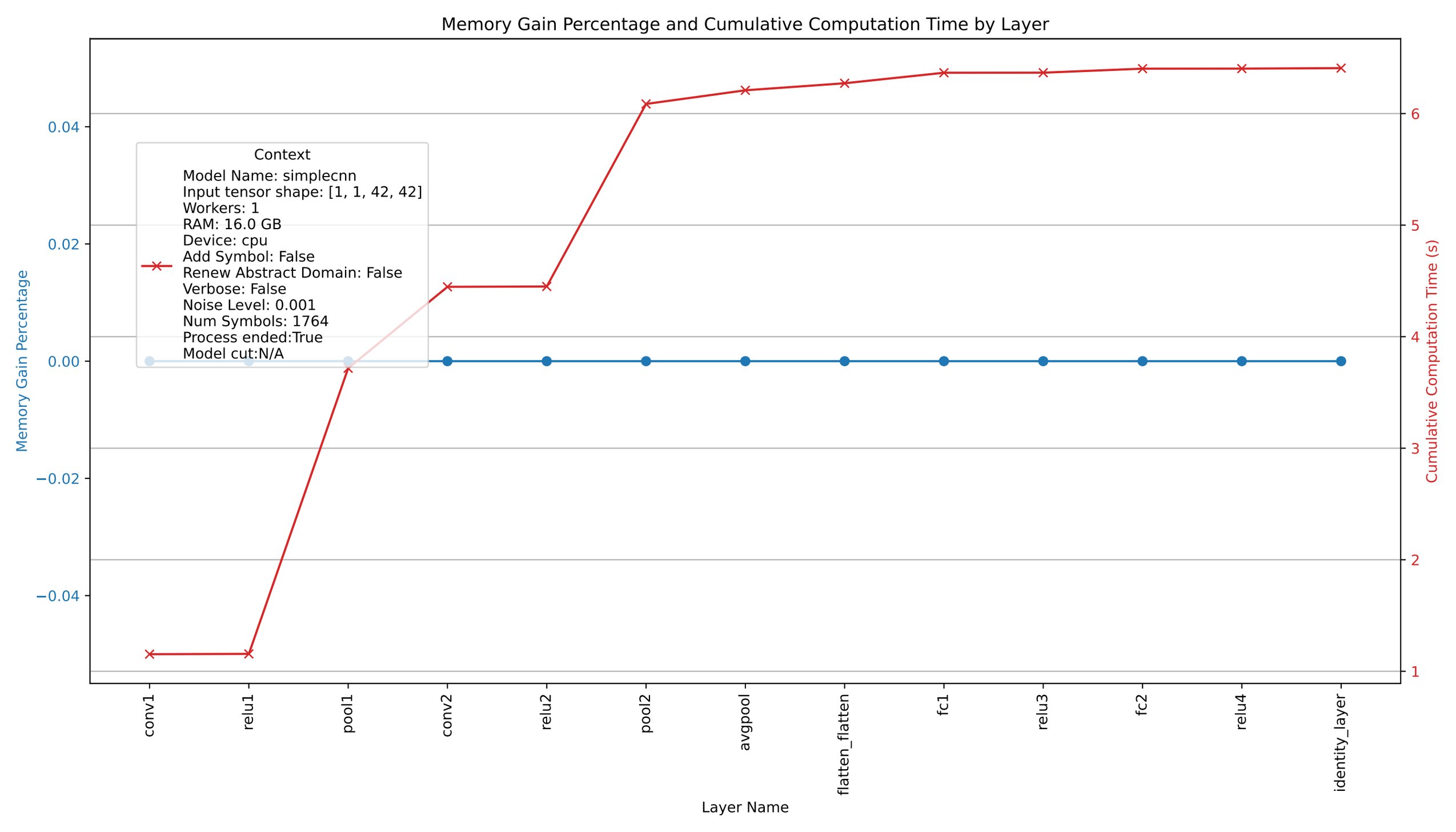
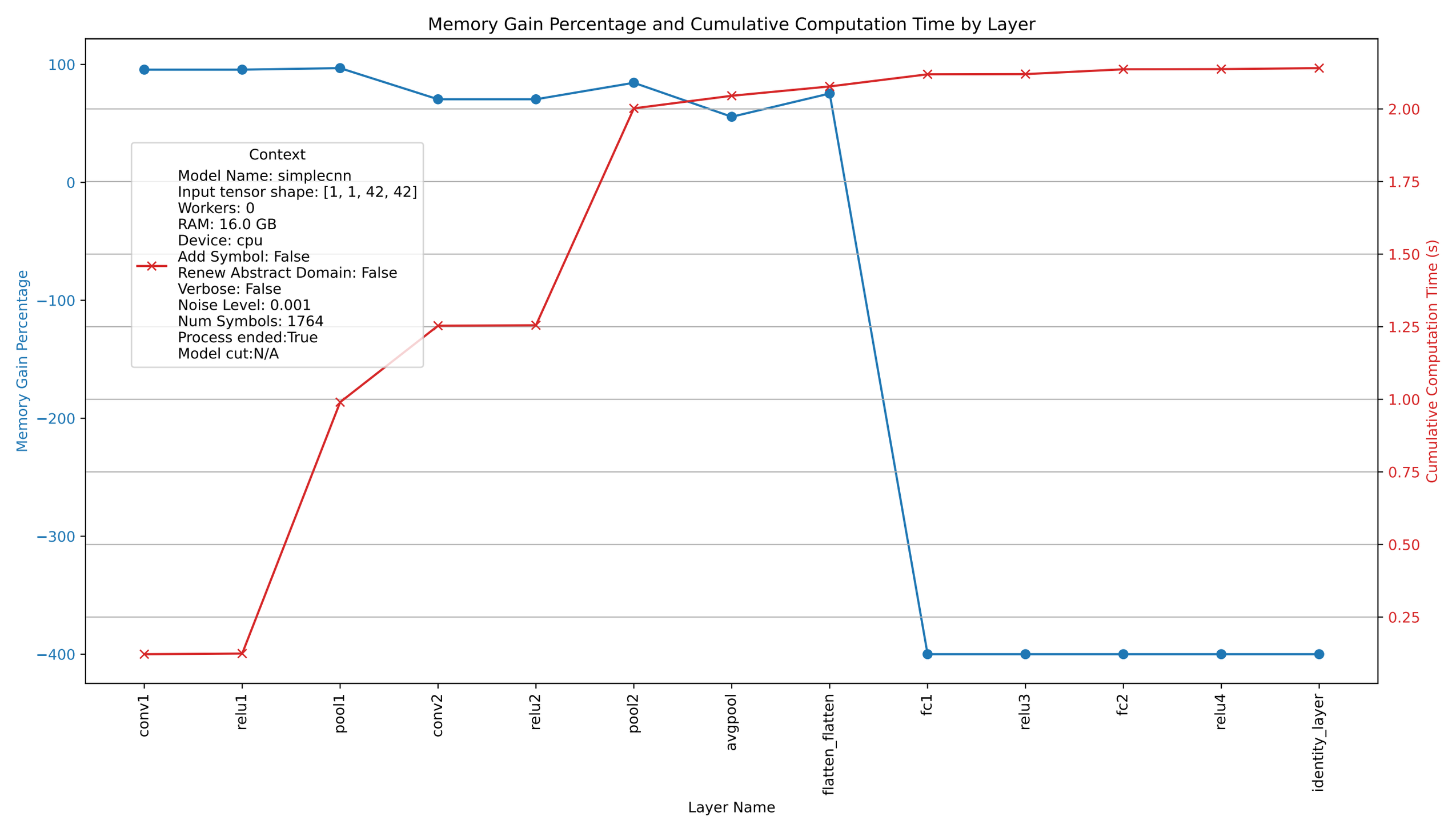
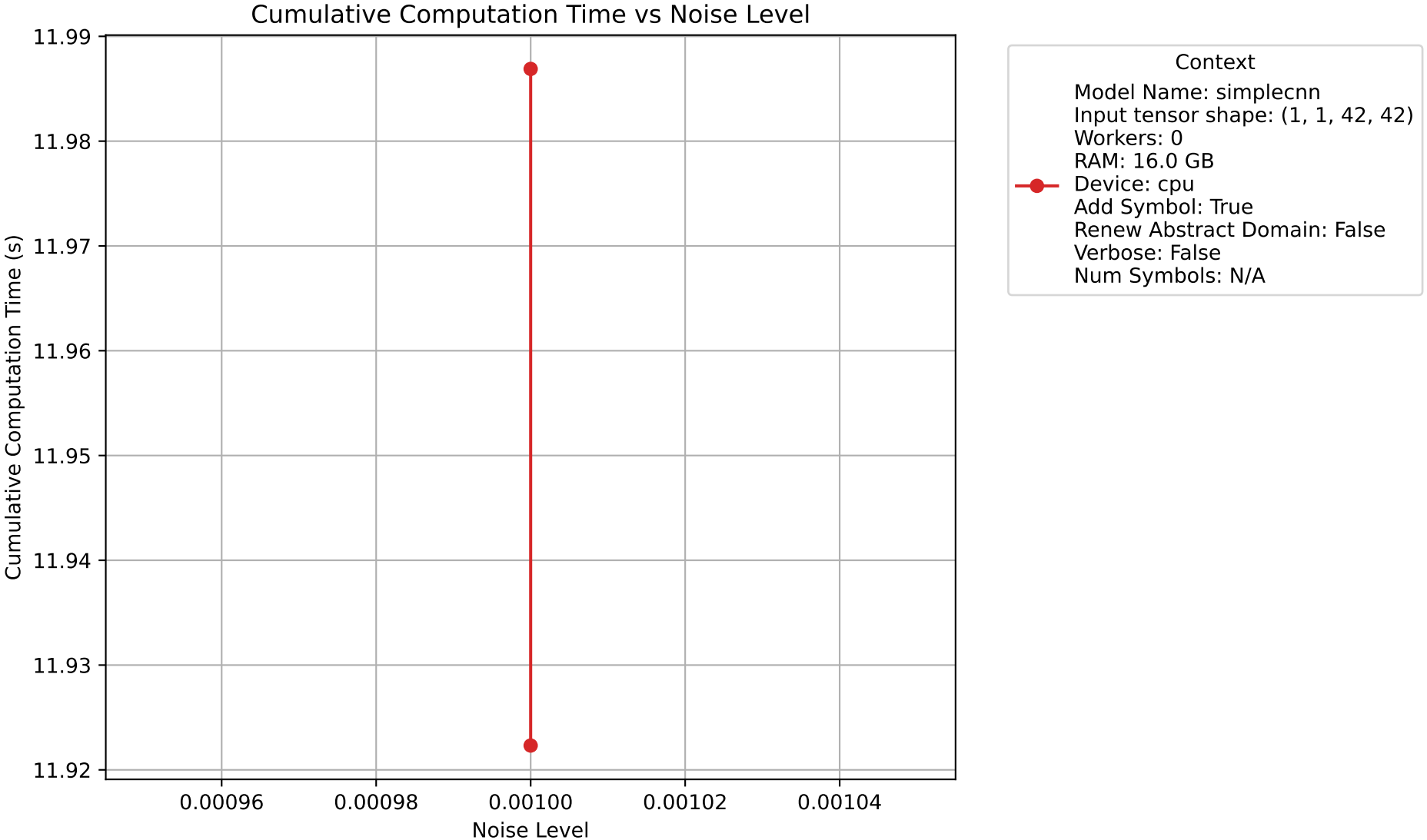
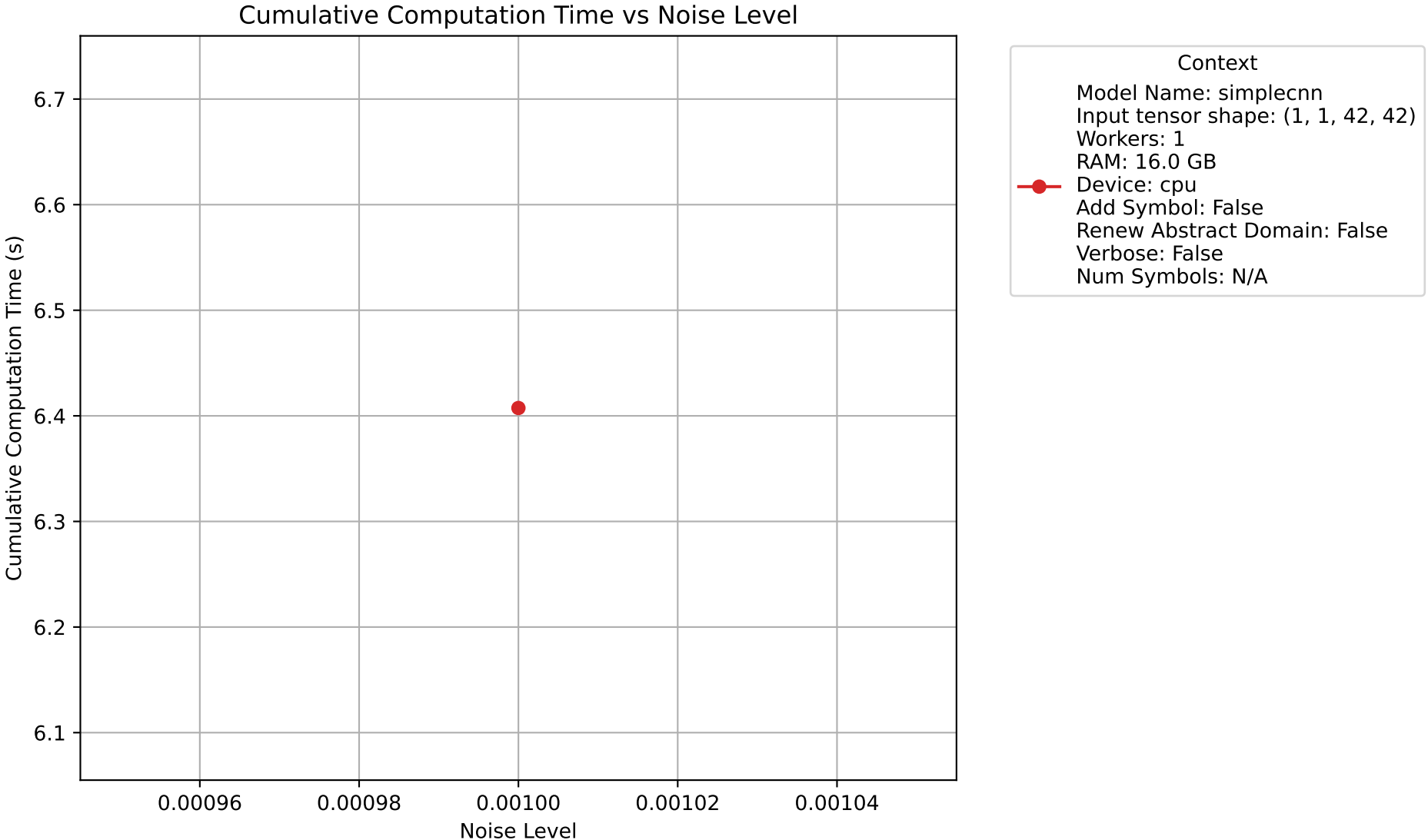

Memory Gain Percentage and Cumulative Computation Time by Layer
Context
Model Name: simplecnn
Input tensor shape: [1, 1, 42, 42]
Workers: 0
RAM: 16.0 GB
Device: cpu
Add Symbol: True
Renew Abstract Domain: False
Verbose: False
Noise Level: 0.001
Num Symbols: 1764
Process ended:True
Model cut:N/A
Memory Gain Percentage
Cumulative Computation Time (s)
Number of Symbols
Layer Name
conv1
relu1
pool1
conv2
relu2
pool2
avgpool
flatten_flatten
fc1
relu3
fc2
relu4
identity_layer

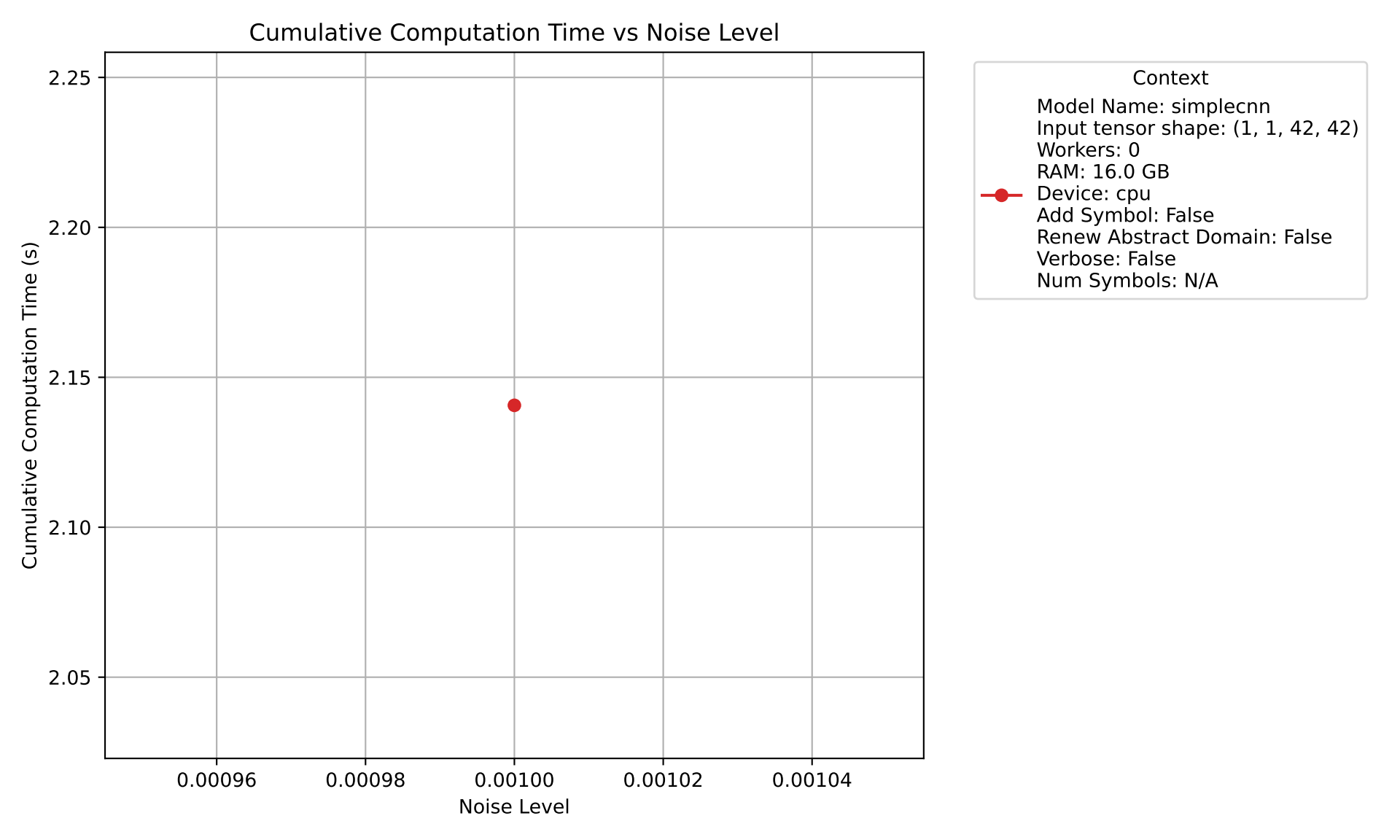

Memory Gain Percentage and Cumulative Computation Time by Layer
Context
Model Name: simplecnn
Input tensor shape: [1, 1, 42, 42]
Workers: 0
RAM: 16.0 GB
Device: cpu
Add Symbol: True
Renew Abstract Domain: False
Verbose: False
Noise Level: 0.001
Num Symbols: N/A
Process ended:True
Model cut:N/A
Memory Gain Percentage
Cumulative Computation Time (s)
Number of Symbols
Layer Name
conv1
relu1
pool1
conv2
relu2
pool2
avgpool
flatten_flatten
fc1
relu3
fc2
relu4
identity_layer


Memory Gain Percentage and Cumulative Computation Time by Layer
Context
Model Name: simplecnn
Input tensor shape: [1, 1, 42, 42]
Workers: 1
RAM: 16.0 GB
Device: cpu
Add Symbol: False
Renew Abstract Domain: False
Verbose: False
Noise Level: 0.001
Num Symbols: 1764
Process ended:True
Model cut:N/A
Memory Gain Percentage
Cumulative Computation Time (s)
Layer Name
0.04
0.02
0.00
−0.02
−0.04
1
2
3
4
5
6
conv1
relu1
pool1
conv2
relu2
pool2
avgpool
flatten_flatten
fc1
relu3
fc2
relu4
identity_layer


Memory Gain Percentage and Cumulative Computation Time by Layer
Memory Gain Percentage
Cumulative Computation Time (s)
Layer Name
Context
Model Name: simplecnn
Input tensor shape: [1, 1, 42, 42]
Workers: 0
RAM: 16.0 GB
Device: cpu
Add Symbol: False
Renew Abstract Domain: False
Verbose: False
Noise Level: 0.001
Num Symbols: 1764
Process ended:True
Model cut:N/A
100
0
−100
−200
−300
−400
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
conv1
relu1
pool1
conv2
relu2
pool2
avgpool
flatten_flatten
fc1
relu3
fc2
relu4
identity_layer


Cumulative Computation Time vs Noise Level
Cumulative Computation Time (s)
11.99
11.98
11.97
11.96
11.95
11.94
11.93
11.92
0.00096
0.00098
0.00100
0.00102
0.00104
Noise Level
Context
Model Name: simplecnn
Input tensor shape: (1, 1, 42, 42)
Workers: 0
RAM: 16.0 GB
Device: cpu
Add Symbol: True
Renew Abstract Domain: False
Verbose: False
Num Symbols: N/A


Cumulative Computation Time vs Noise Level
Cumulative Computation Time (s)
6.7
6.6
6.5
6.4
6.3
6.2
6.1
0.00096
0.00098
0.00100
0.00102
0.00104
Noise Level
Context
Model Name: simplecnn
Input tensor shape: (1, 1, 42, 42)
Workers: 1
RAM: 16.0 GB
Device: cpu
Add Symbol: False
Renew Abstract Domain: False
Verbose: False
Num Symbols: N/A


Cumulative Computation Time vs Noise Level
Cumulative Computation Time (s)
2.25
2.20
2.15
2.10
2.05
0.00096
0.00098
0.00100
0.00102
0.00104
Noise Level
Context
Model Name: simplecnn
Input tensor shape: (1, 1, 42, 42)
Workers: 0
RAM: 16.0 GB
Device: cpu
Add Symbol: False
Renew Abstract Domain: False
Verbose: False
Num Symbols: N/A