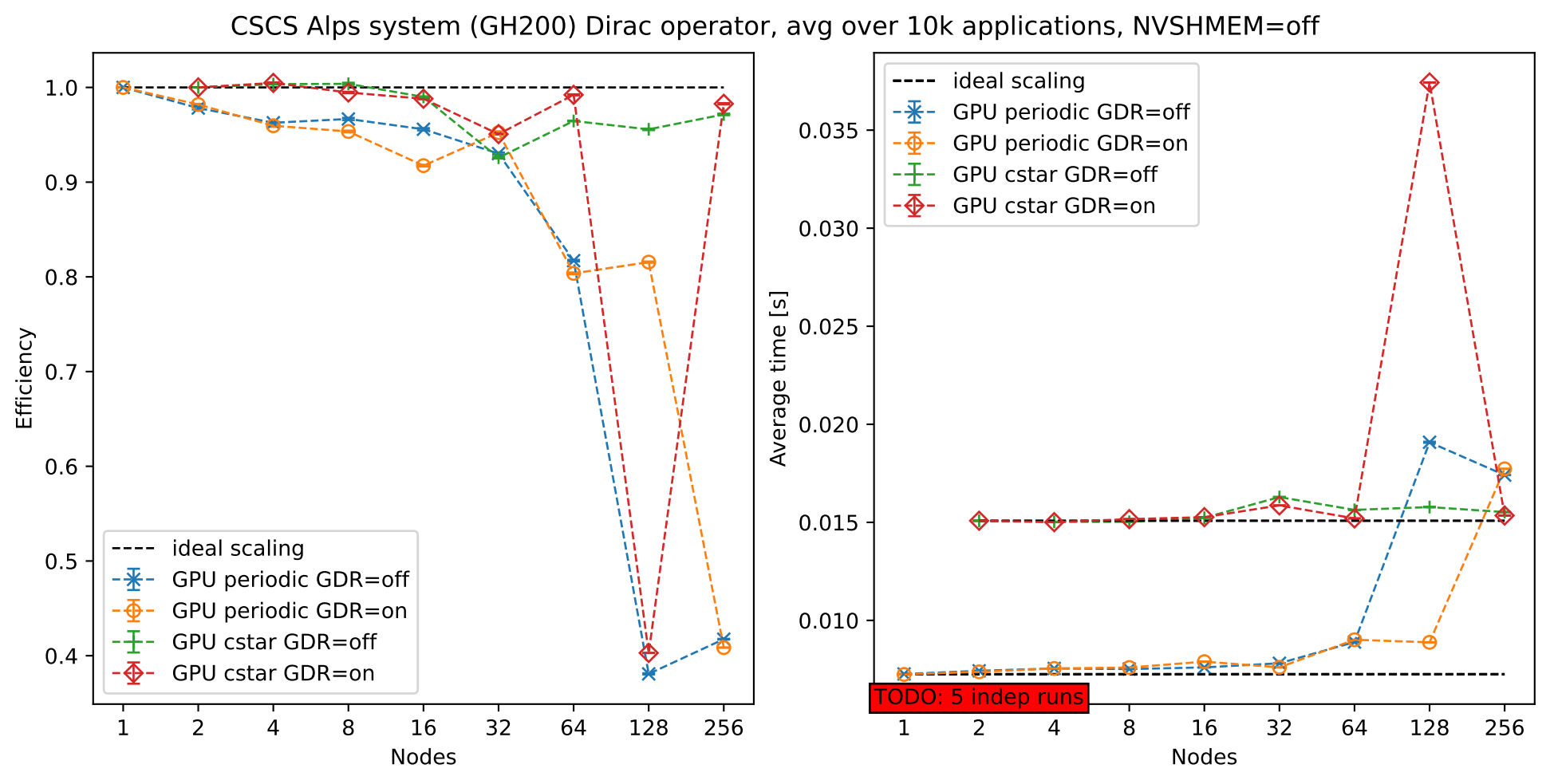
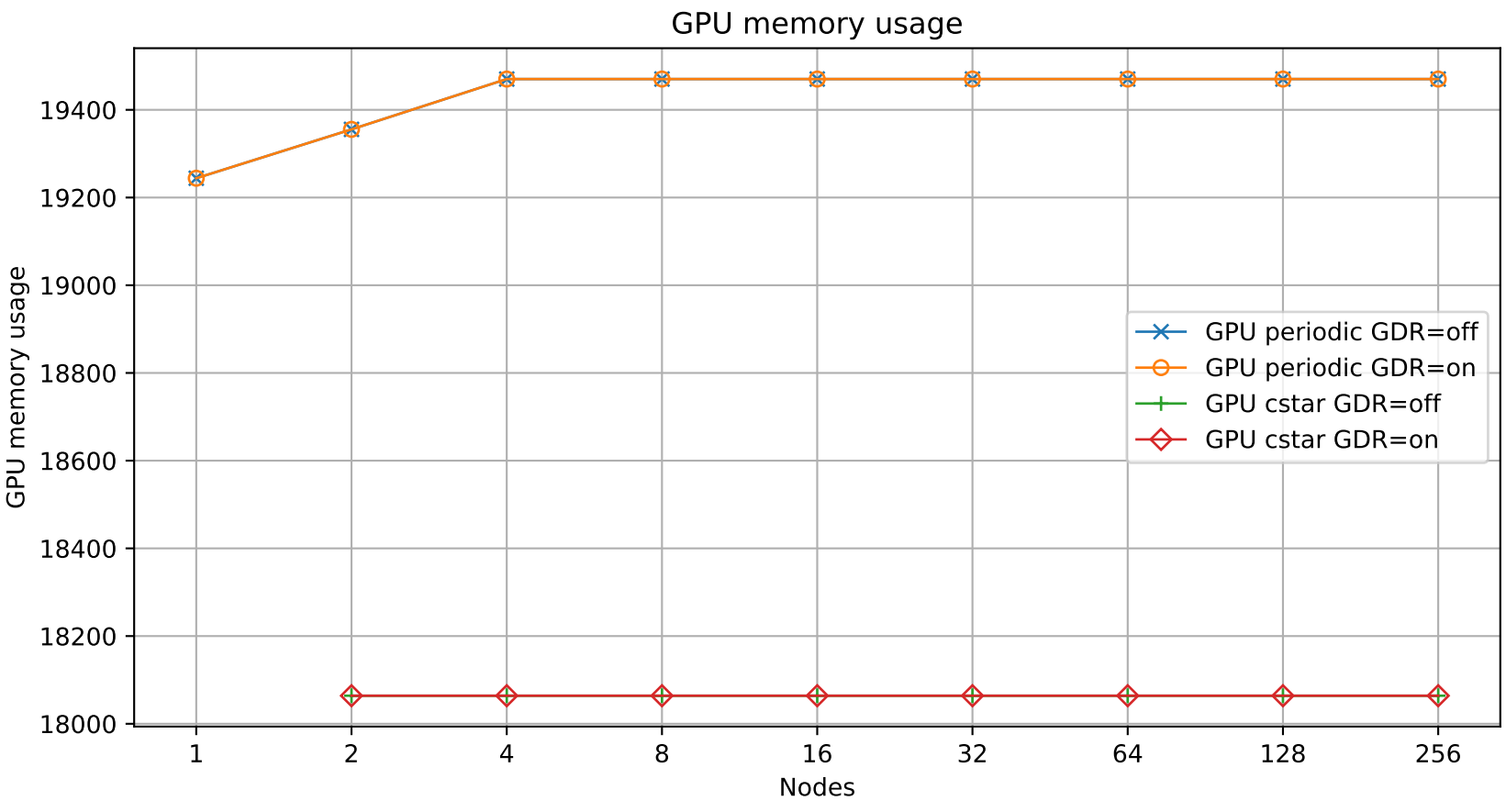
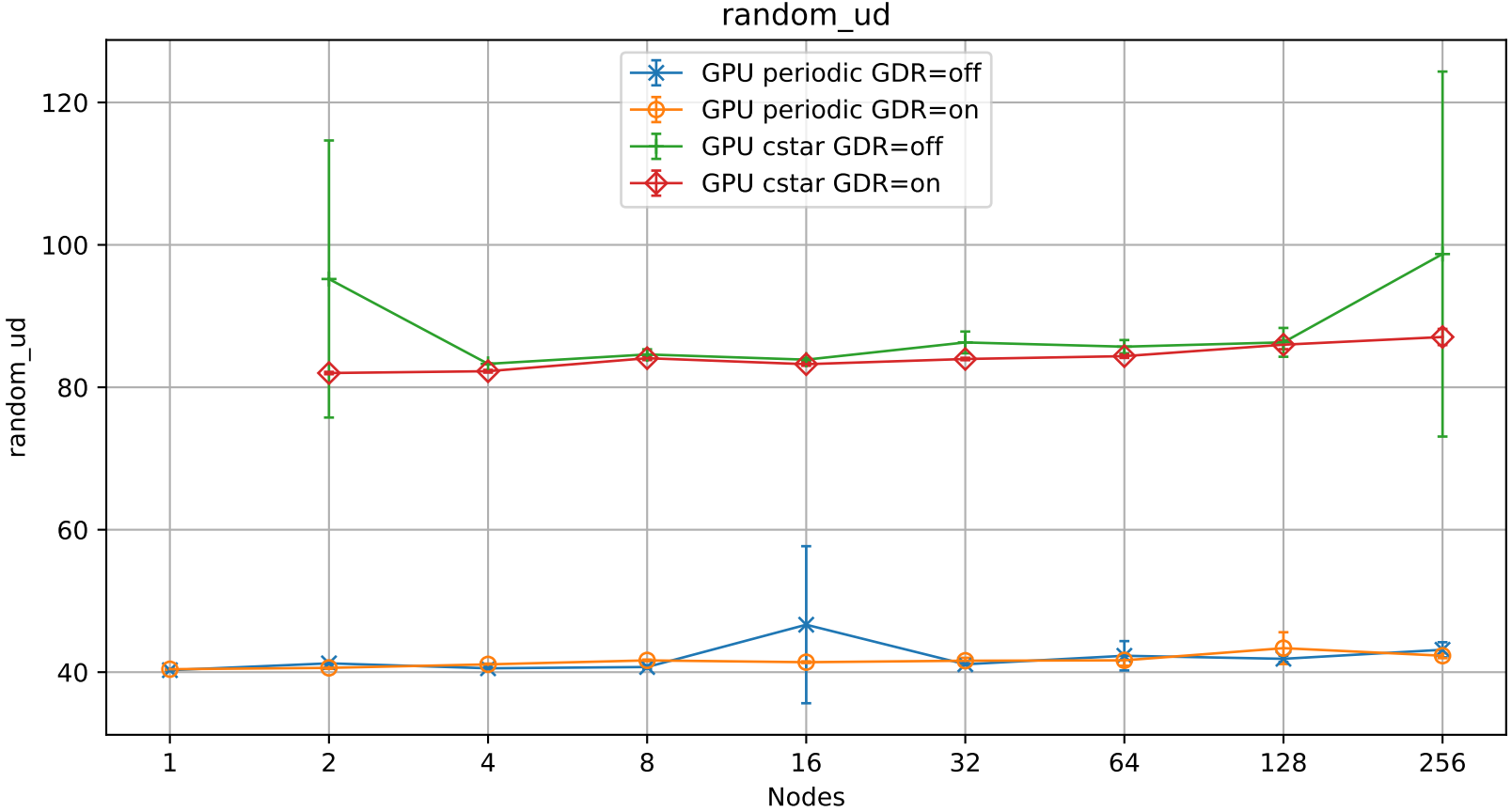
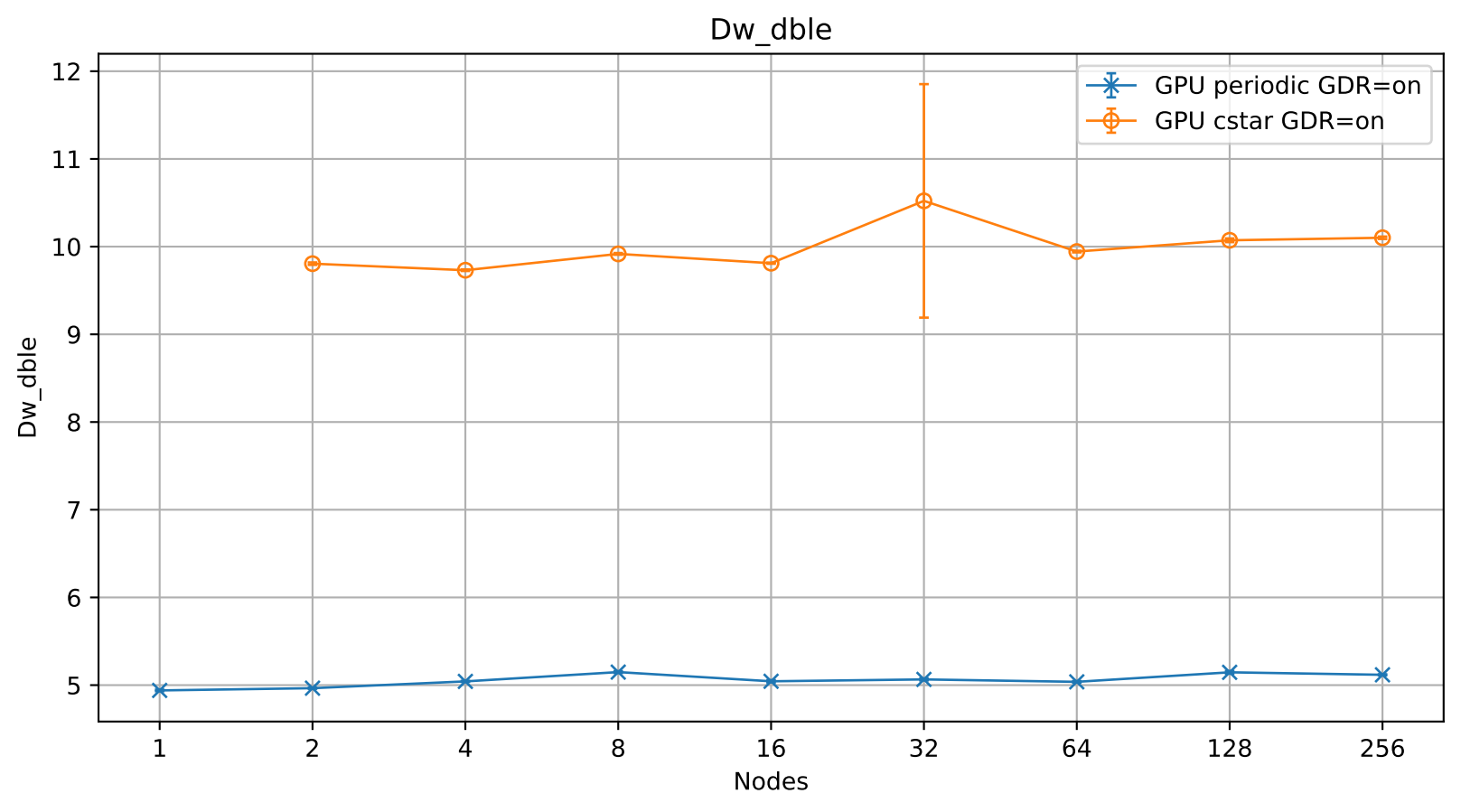

CSCS Alps system (GH200) Dirac operator, avg over 10k applications, NVSHMEM=off
Efficiency
Nodes
ideal scaling
GPU periodic GDR=off
GPU periodic GDR=on
GPU cstar GDR=off
GPU cstar GDR=on
Average time [s]
TODO: 5 indep runs


GPU memory usage
GPU memory usage
Nodes
19400
19200
19000
18800
18600
18400
18200
18000
1
2
4
8
16
32
64
128
256
GPU periodic GDR=off
GPU periodic GDR=on
GPU cstar GDR=off
GPU cstar GDR=on


random_ud
GPU periodic GDR=off
GPU periodic GDR=on
GPU cstar GDR=off
GPU cstar GDR=on
120
100
80
60
40
random_ud
1
2
4
8
16
32
64
128
256
Nodes


Dw_dble
GPU periodic GDR=on
GPU cstar GDR=on
Dw_dble
Nodes
12
11
10
9
8
7
6
5
1
2
4
8
16
32
64
128
256