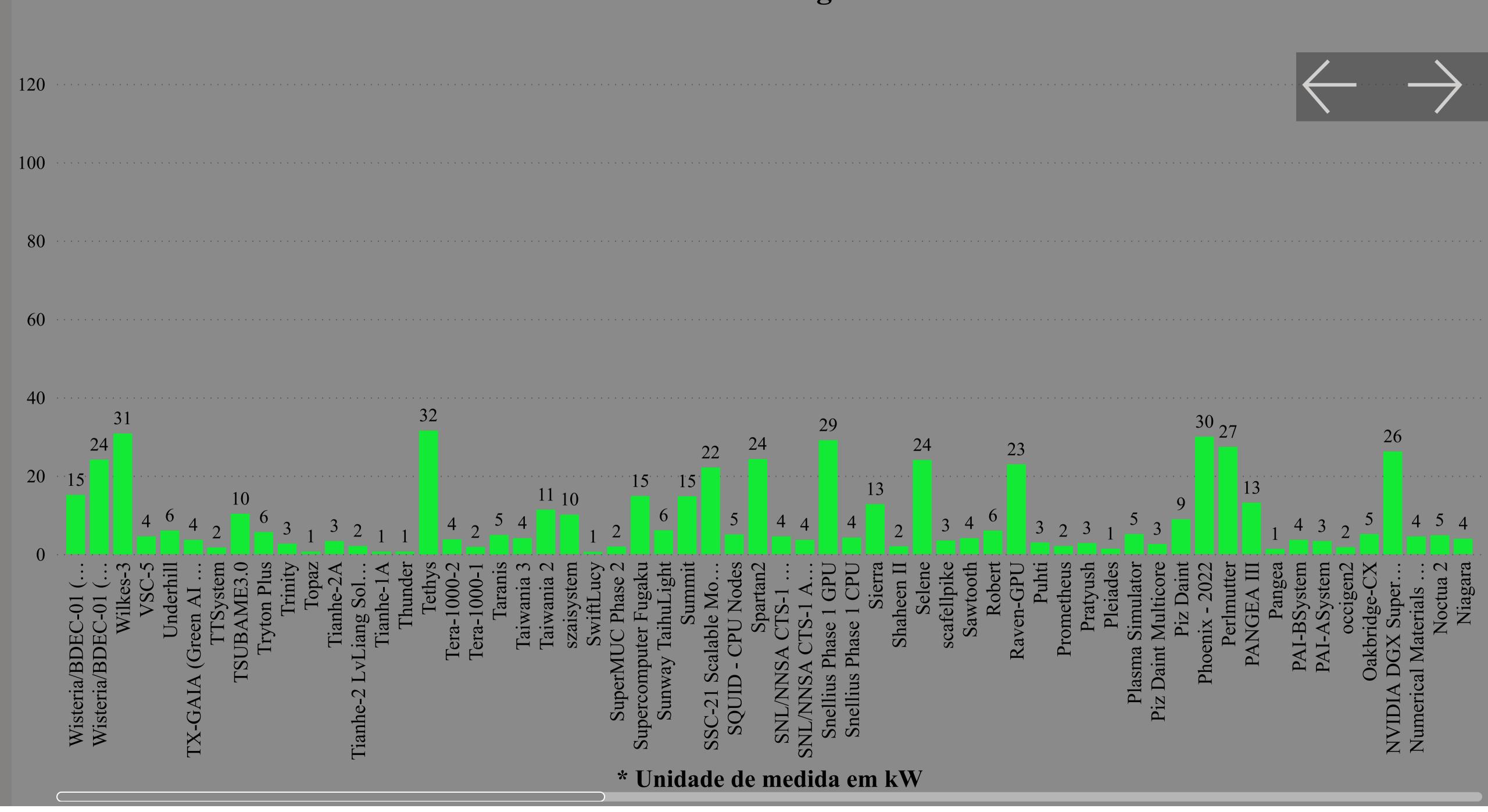


Nomes Super Computadores



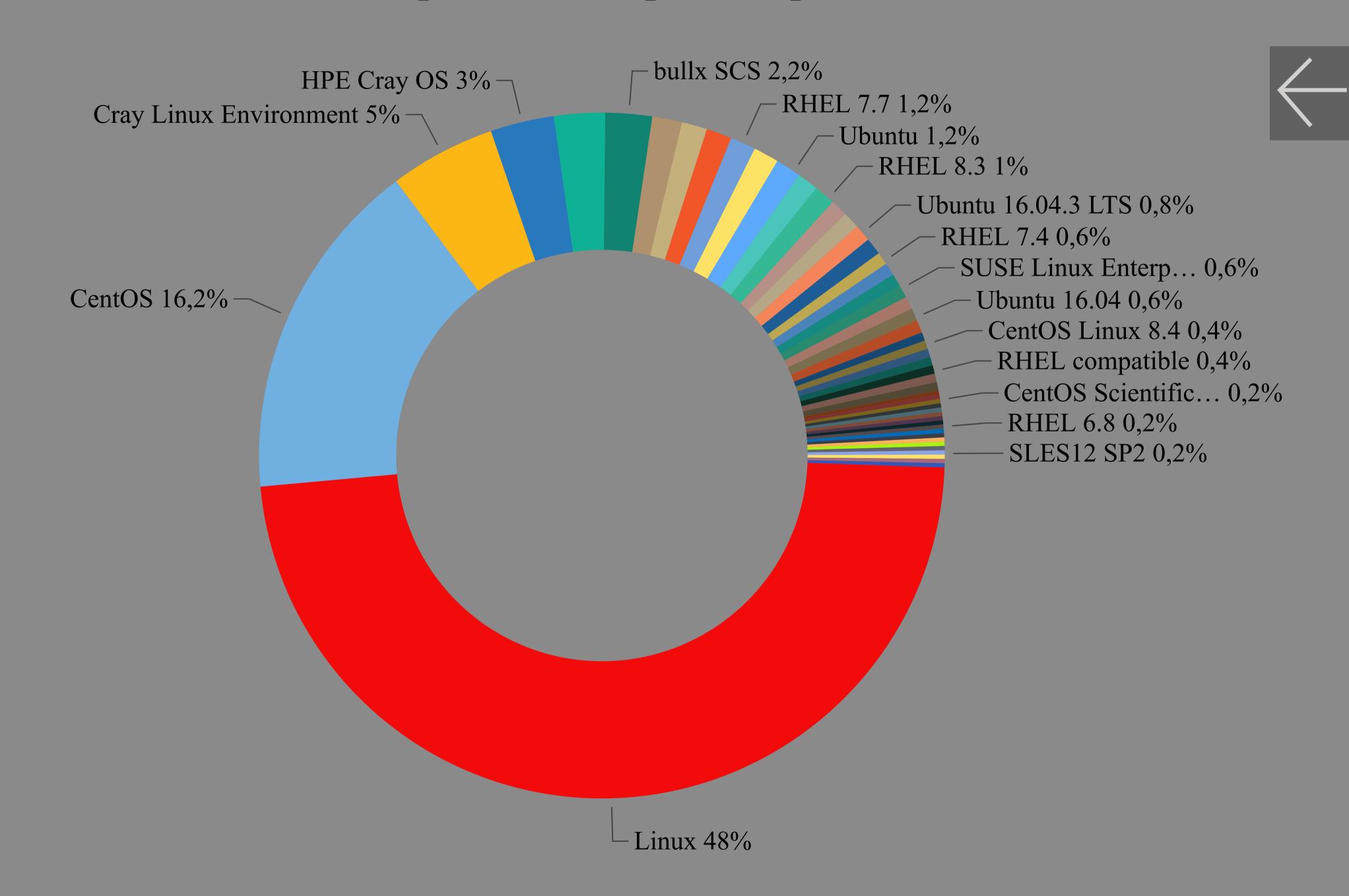


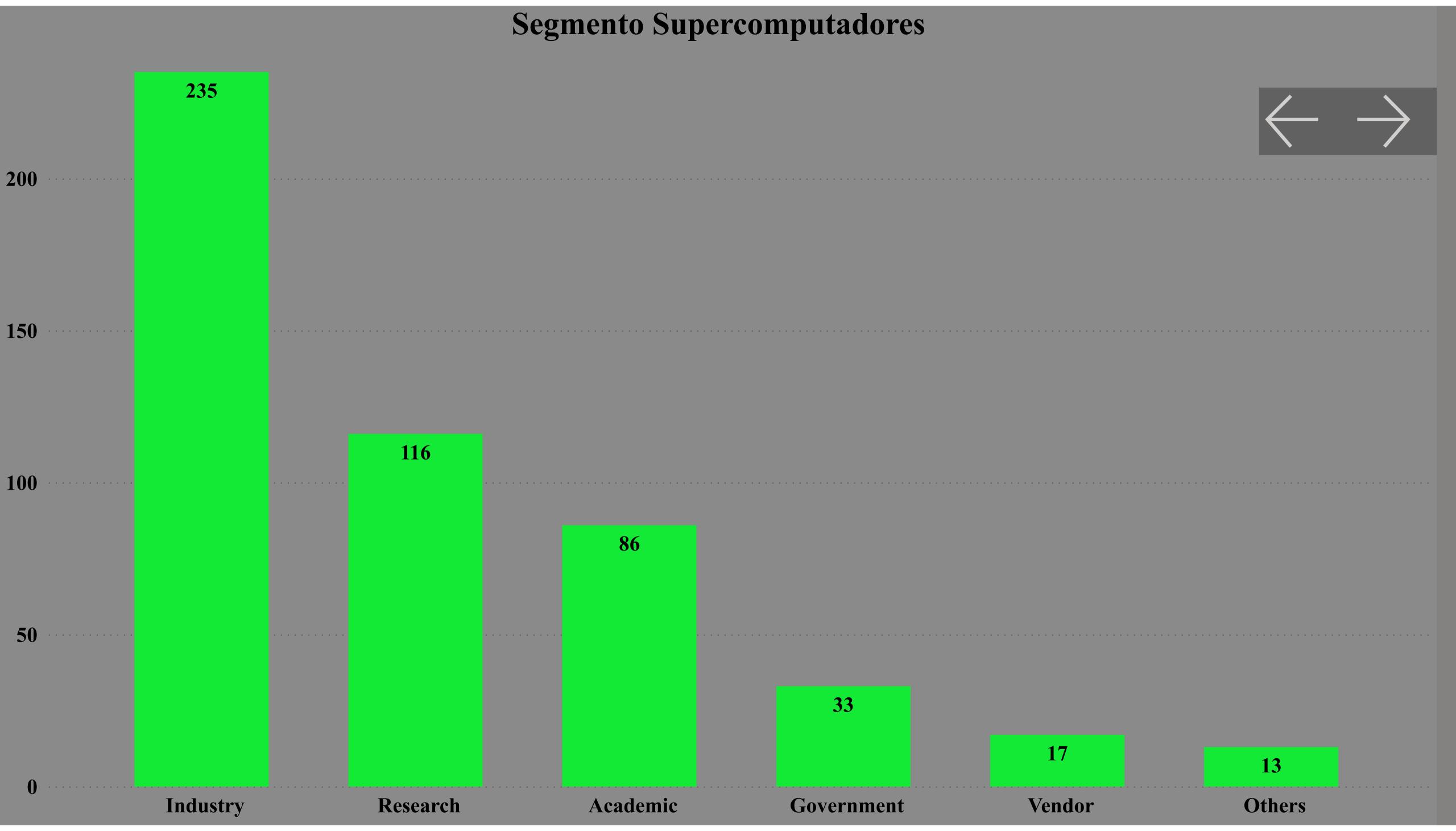
Eficiência Energética



Total Cores Processador 12 Mi 10 Mi 8 Mi 2 Mi Voya Super Supercompu JUWELS Boos Wisteria/BDEC-0] Sunway

Sistema Operacional Super Computadores





Desepenho maximo TFlop/s por Computador

HPE Cray EX235a, AMD Optimized 3rd Generation EPYC 64C 2GHz, AMD Instinct MI250X, Slingshot-11

1,329,823.00

Supercomputer Fugaku, A64FX 48C 2.2GHz, Tofu interconnect D 442,010.00

IBM Power System AC922, IBM POWER9 22C 3.07GHz, NVIDIA Volta GV100, Dual-rail Mellanox EDR Infiniband 148,600.00

IBM Power System AC922, IBM POWER9 22C 3.1GHz, NVIDIA Volta GV100, Dual-rail Mellanox EDR Infiniband 94,640.00



Sunway MPP, Sunway SW26010 260C 1.45GHz, Sunway 93,014.59

NVIDIA DGX A100, AMD EPYC 7742 64C 2.25GHz, NVIDIA A100, Mellanox HDR Infiniband 75,337.00

HPE Cray EX235n, AMD EPYC 7763 64C 2.45GHz, NVIDIA A100 SXM4 40 GB, Slingshot-10 70,870.00

ThinkSystem C0366, Xeon Gold 6252 24C 2.1GHz, 100G Ethernet 66,695.64

NDv4 cluster, AMD EPYC 7V12 48C 2.45GHz, NVIDIA A100, Infiniband HDR 66,360.00

TH-IVB-FEP Cluster, Intel Xeon E5-2692v2 12C 2.2GHz, TH Express-2, Matrix-2000 61,444.50

PRIMEHPC FX1000, A64FX 48C 2.2GHz, Tofu interconnect D 45,330.80

Bull Sequana XH2000 , AMD EPYC 7402 24C 2.8GHz, NVIDIA A100, Mellanox HDR InfiniBand/ParTec ParaStation ClusterSuite 44,120.00

Lenovo HR650x, Xeon Gold 6133 20C 2.5GHz, 25G Ethernet 38,776.54

YANDEX Y4N-GA1-TY25-ZB0, AMD EPYC 7702 64C 2GHz, NVIDIA A100 80GB, Infiniband 37,550.00

ThinkSystem SD650 V2, Xeon Platinum 8368Q 38C 2.6GHz, Infiniband HDR 36,005.60

PowerEdge C4140, Xeon Gold 6252 24C 2.1GHz, NVIDIA Tesla V100, Mellanox HDR Infiniband 35,450.00

ThinkSystem C2397, Xeon Platinum 8280 28C 2.7GHz, 100G Ethernet 34,471.64

Lenovo C1040, Xeon E5-2673v4 20C 2.3GHz, 40G Ethernet 31,333.09

ThinkSystem HR650X, Xeon Gold 6233 24C 2.5GHz, 25G Ethernet 30,622.19

ND96amsr_A100_v4, AMD EPYC 7V12 48C 2.45GHz, NVIDIA A100 80GB, Mellanox HDR Infiniband 30,050.00

Cray XC40, Xeon E5-2695v4 18C 2.1GHz, Aries interconnect 28,762.94

Apollo 6500 Gen10 plus, AMD EPYC 7543 32C 2.8GHz, NVIDIA A100 80GB, Infiniband HDR200 27,451.10

PRIMFRGY GX2570 M6. Xeon Platinum 8360Y 36C 2.4GHz. NVIDIA A100 SXM4 40 GB. Infiniband HDR 26.633.72

