Memory Bandwidth Scaling  $3.50 \times 10^{5}$ SDaxpy Bandwidth (MB/s)  $3.00 \times 10^{5}$  $2.50 \times 10^{5}$  $2.00 \times 10^{5}$  $1.50 \times 10^{5}$  $1.00 \times 10^{5}$  $5.00 \times 10^4$ 60 4 24 28 36 40 44 48 52 56 # Threads