



FIGURE C.7.1 NVIDIA Tesla unified graphics and computing GPU architecture. This GeForce 8800 has 128 streaming processor (SP) cores in 16 streaming multiprocessors (SMs), arranged in eight texture/processor clusters (TPCs). The processors connect with six 64-bitwide DRAM partitions via an interconnection network. Other GPUs implementing the Tesla architecture vary the number of SP cores, SMs, DRAM partitions, and other units.