NII Compute & Communications Capability in Year 2005 - 2020

100 Supercomputers at a Teraflop each	10^{14} (Fl)ops/sec at 100% Duty Cycle
100 Million NII Offramps or Connections at realtime video speeds	10^{14} bits to words/sec at about 10% to 30% Duty Cycle
100 Million home PCs, Videogames or Settop Boxes at 100-1000 Mega(Fl)ops each	10^{16} to 10^{17} (Fl)ops/sec at about 10% to 30% Duty Cycle
1,000 to 10,000 High Performance Multimedia (parallel) servers each with some 1,000 to 10,000 nodes	10^{15} to 10^{16} ops/sec at 100% Duty Cycle

Each of three components (network connections, clients, servers) has capital value of order $10 to $100 billion