



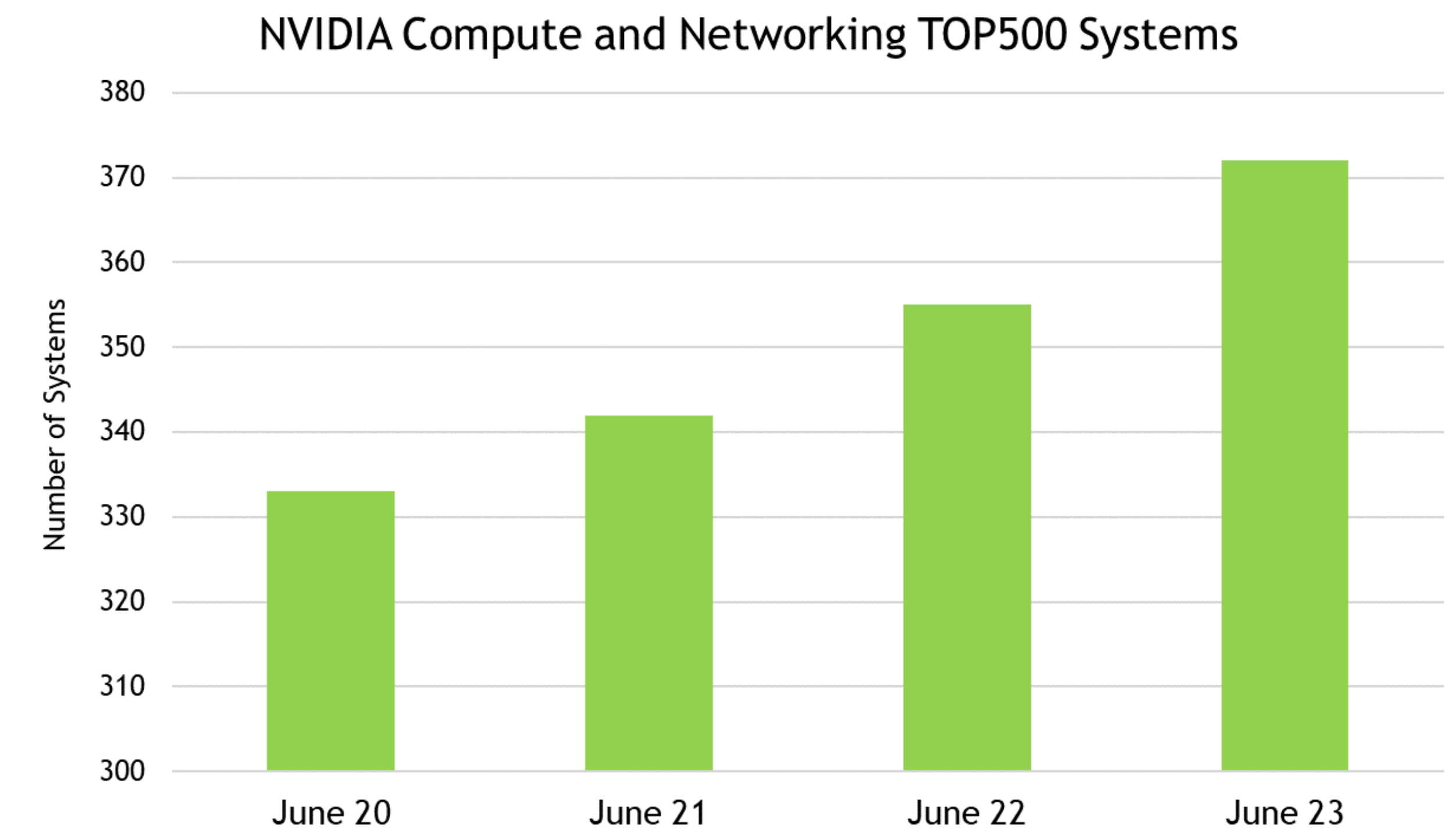
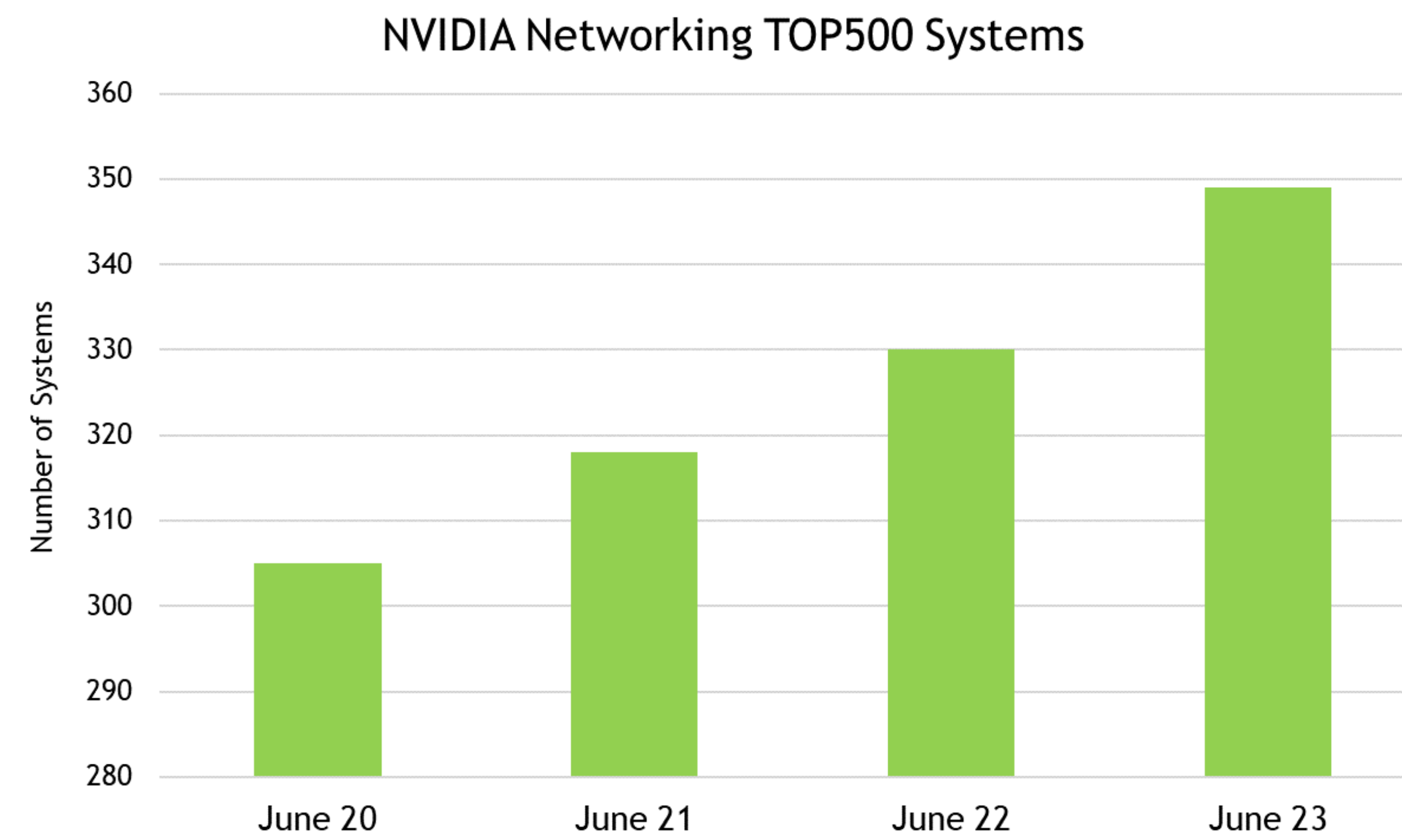
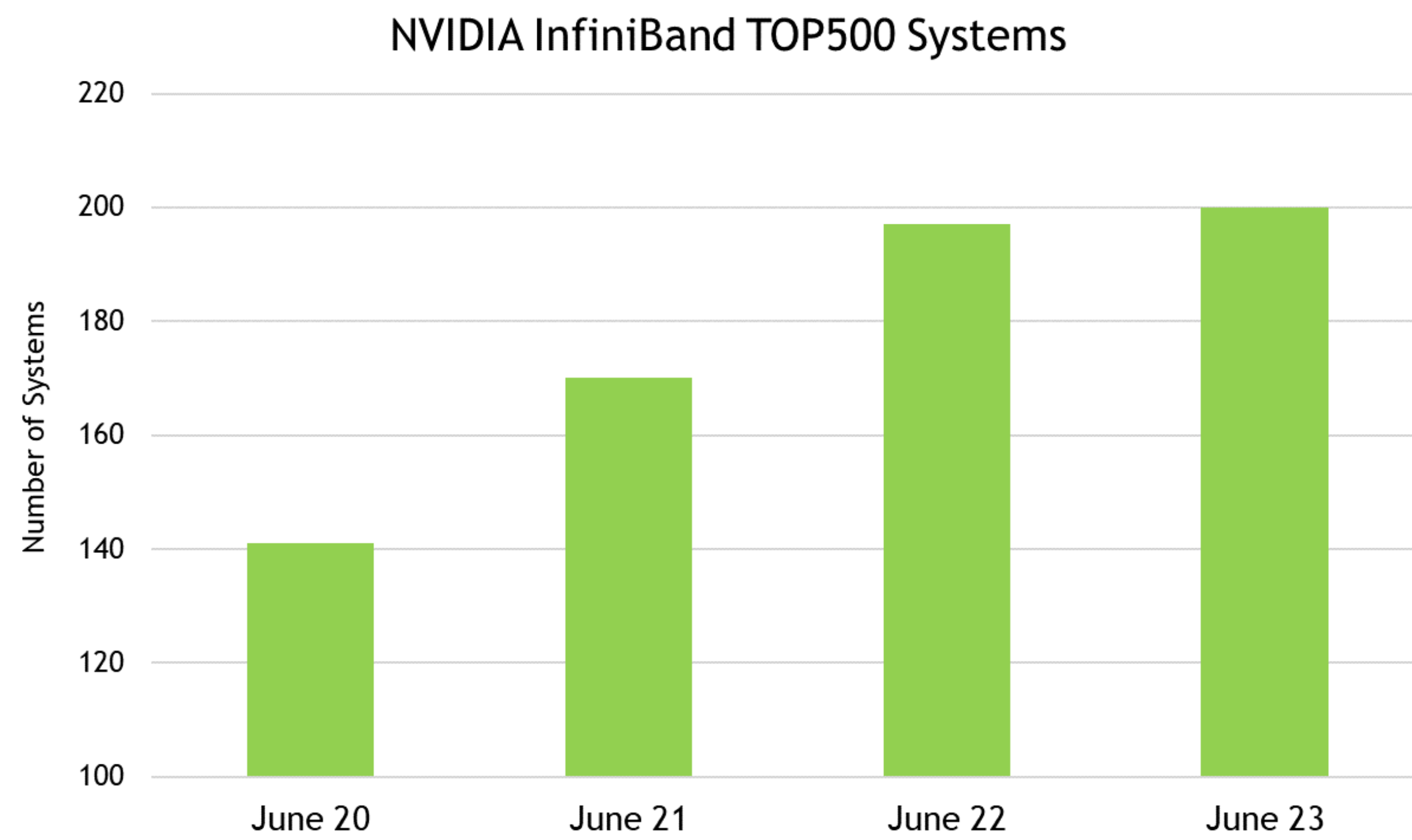
# Accelerating the TOP500 Supercomputers

The Interconnect View on the TOP500 Supercomputers, June 2023

# NVIDIA InfiniBand and Ethernet Accelerate World-Leading Supercomputers on the June'23 TOP500 List

- NVIDIA GPU or Network (InfiniBand, Ethernet) accelerates 372 systems or 74% of overall TOP500 systems
- InfiniBand accelerates 5 of the top ten supercomputers in the world, and 63 of the top one hundred systems
- NVIDIA InfiniBand and Ethernet networking solutions connect 349 systems or 70% of overall TOP500 platforms
- InfiniBand accelerates 200 systems, NVIDIA high speed Ethernet solutions connect 149 Ethernet systems
- NVIDIA Quantum InfiniBand and H100 Tensor Core GPU connect the #1 system on the Green500 with 65.4GF/W

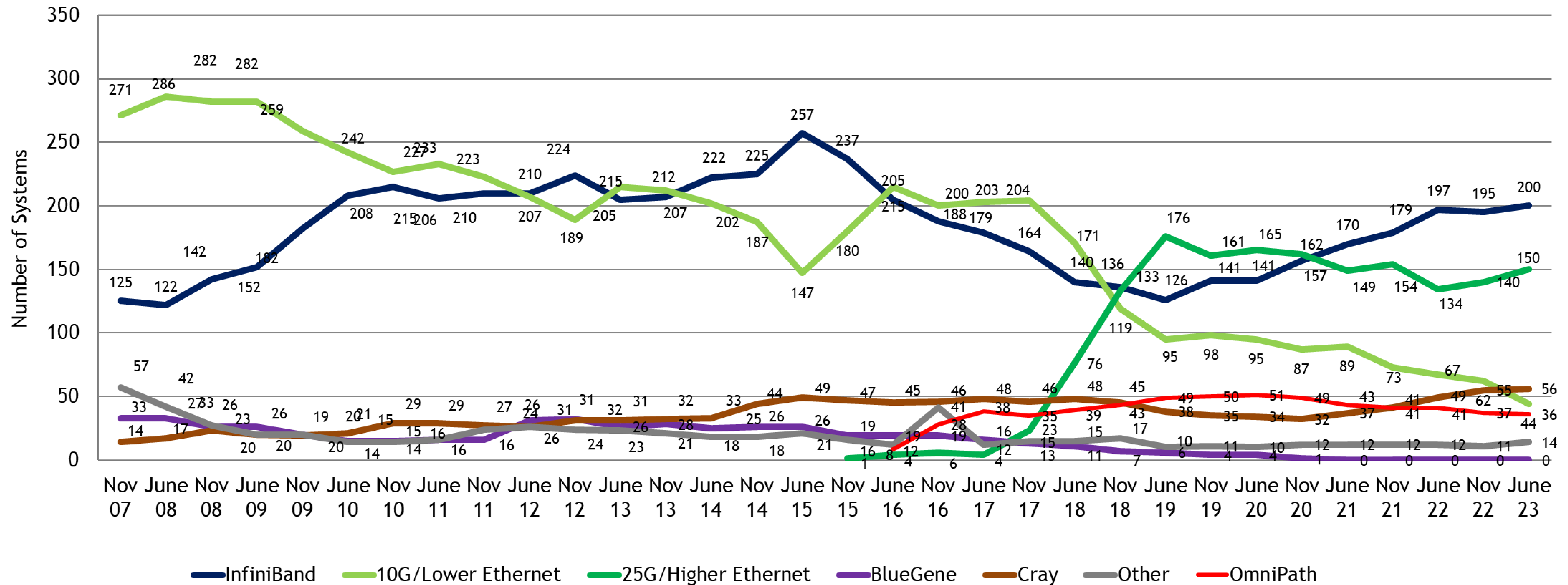
# NVIDIA Compute or Network Accelerate 72% Top500 Systems



NVIDIA compute or network accelerates 372 systems on the TOP500 list (5% increase June'22-June'23)

NVIDIA InfiniBand and Ethernet networking accelerate 349 systems on the TOP500 list

# TOP500 Interconnect Trends

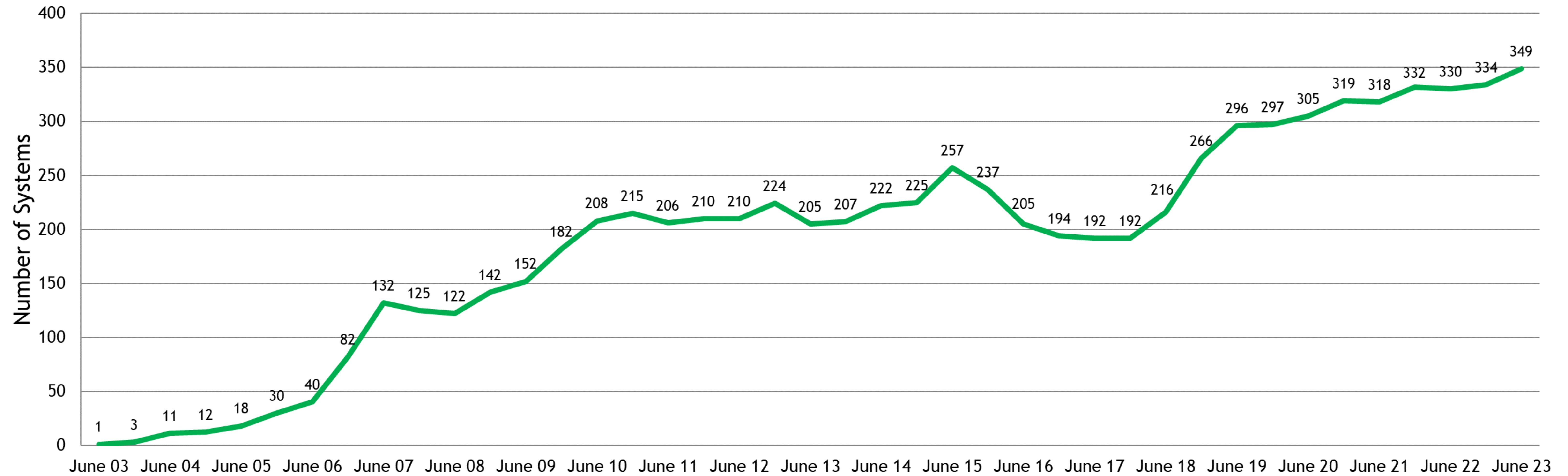


The TOP500 list includes both HPC and Cloud / Hyperscale platforms

InfiniBand continues its leadership as the most used interconnect solution for HPC platforms

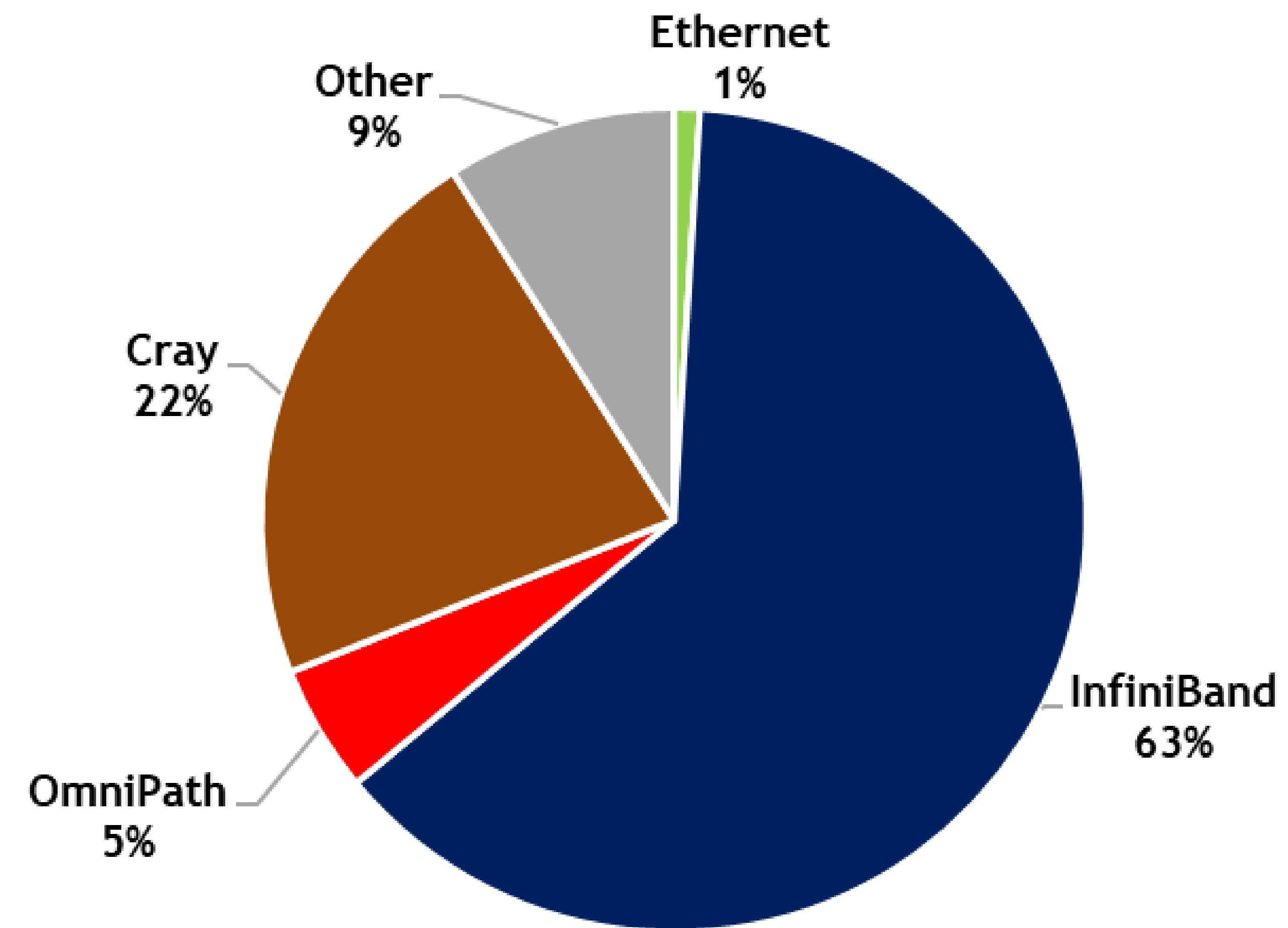
NVIDIA connects most of 25G and faster Cloud and Hyperscale Ethernet systems

# TOP500 NVIDIA Interconnect Trend



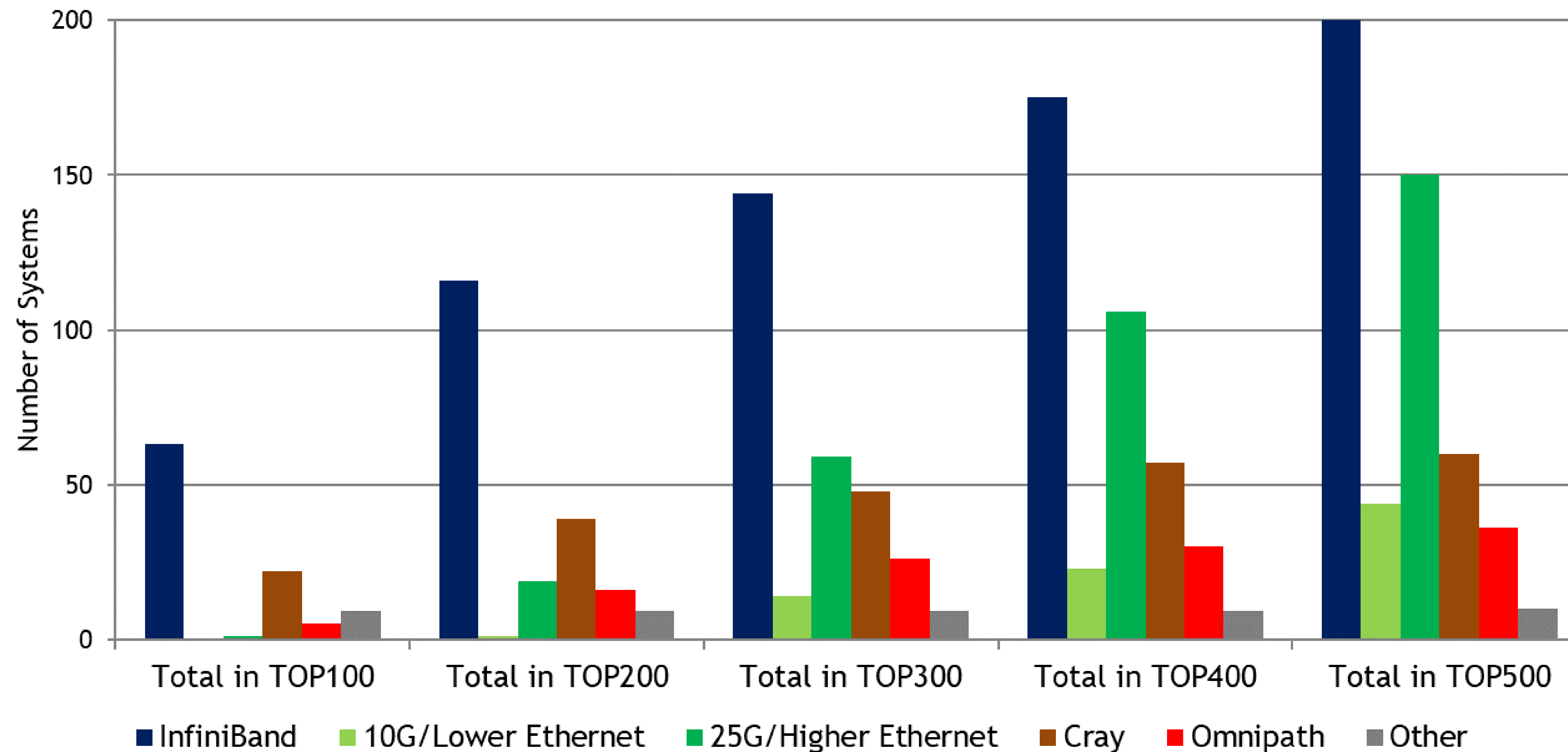
NVIDIA InfiniBand and Ethernet Interconnect Solutions Accelerate Majority of TOP500 Platforms

# Interconnects - TOP 100 Supercomputers



InfiniBand accelerates 63 of top 100 supercomputers

# Interconnects – TOP 100, 200, 300, 400, 500 Distribution



InfiniBand is the most used high-speed interconnect of top supercomputers

Superior performance, scalability, efficiency and return-on-investment

