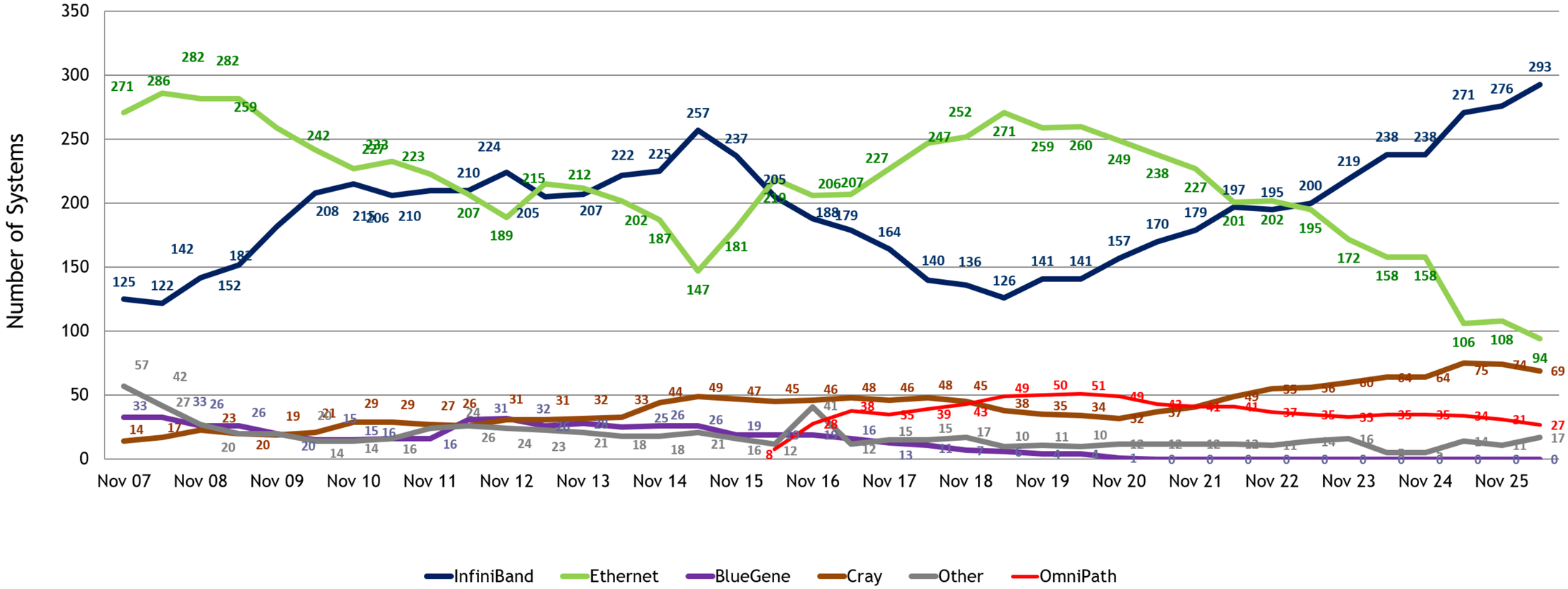
Accelerating the TOP500 Supercomputers

The Interconnect View on the TOP500 Supercomputers, June 2026

NVIDIA InfiniBand and Ethernet Accelerate World-Leading Supercomputers on the June'26 TOP500 List

- NVIDIA GPU or Network (InfiniBand, Ethernet) accelerates 404 systems or 81% of the overall TOP500 systems
- NVIDIA Quantum InfiniBand and Ethernet networking solutions connect 376 systems or 75% of overall TOP500 platforms
- NVIDIA Quantum InfiniBand accelerates 293 systems or 59% of overall TOP500 platforms

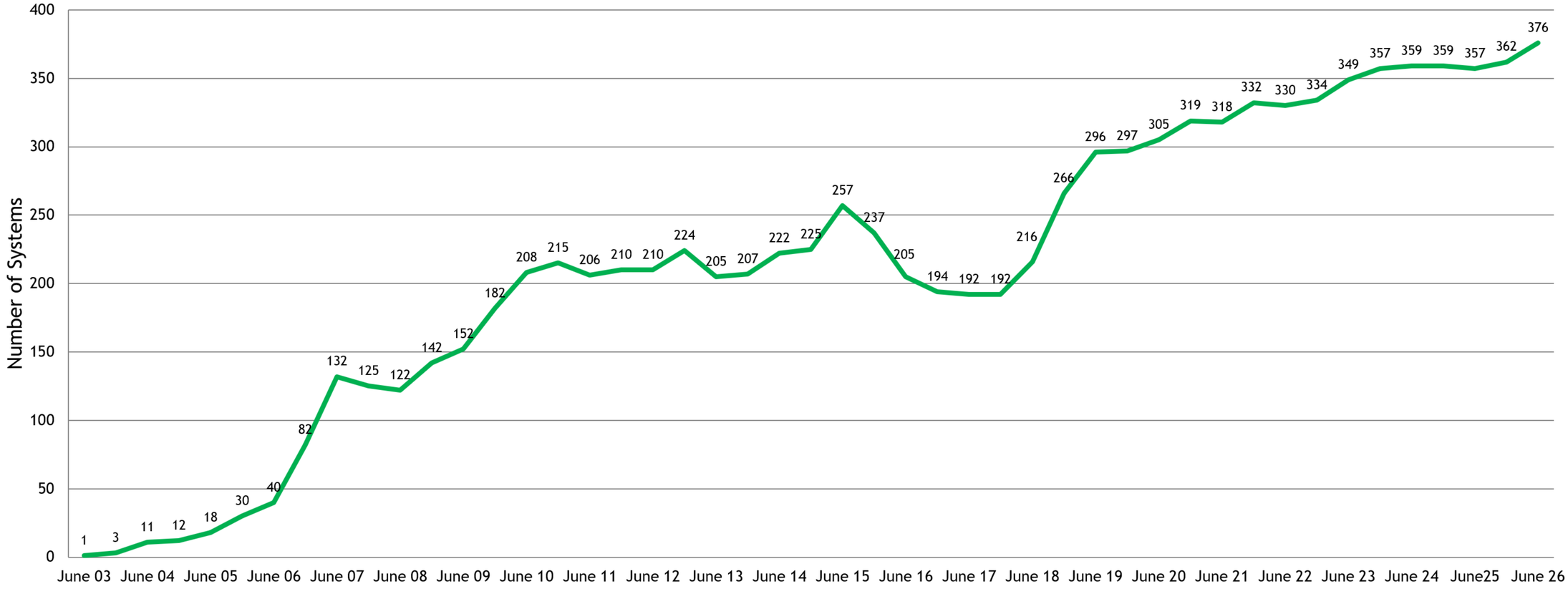
TOP500 Interconnect Trends



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

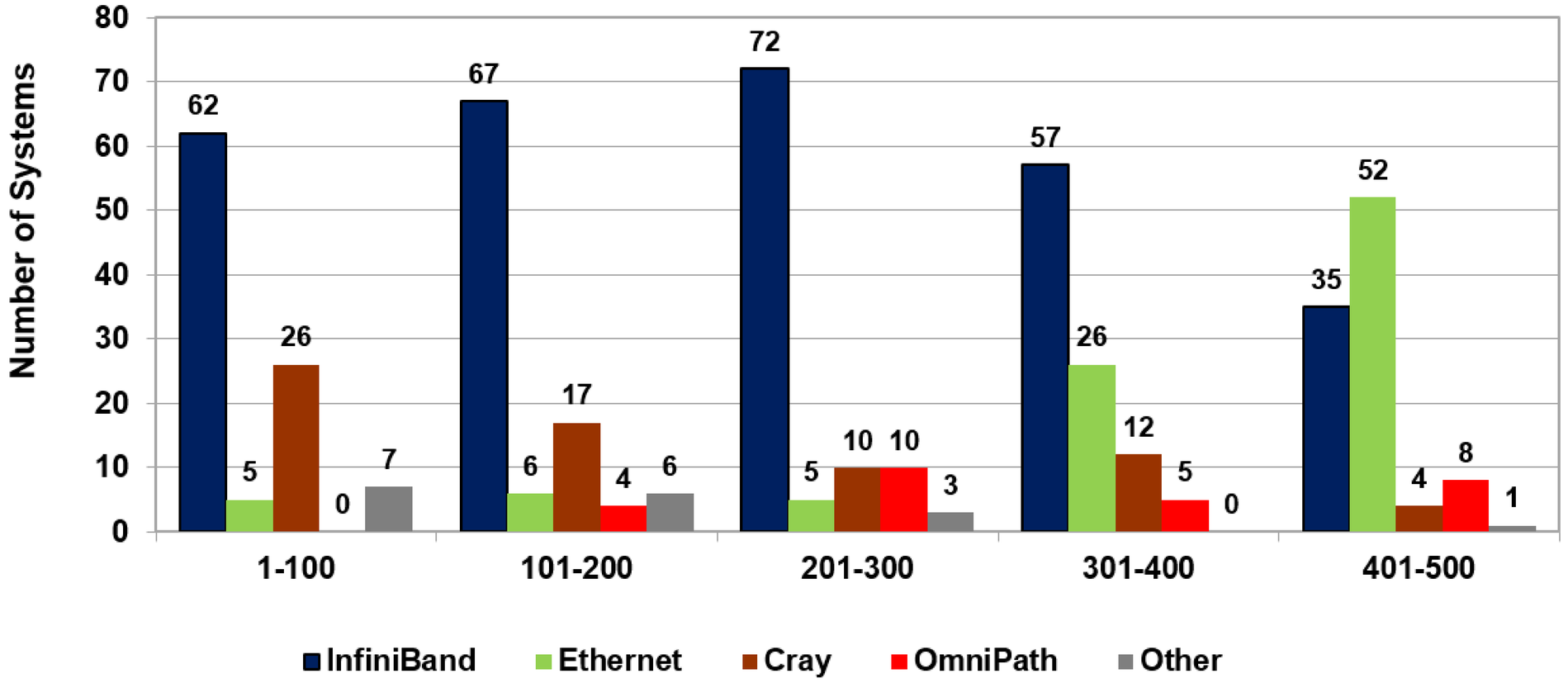
NVIDIA connects most of the Ethernet systems

TOP500 NVIDIA Interconnect Trend



NVIDIA Quantum InfiniBand and Ethernet interconnect solutions accelerate majority of TOP500 platforms

Interconnects – TOP100, 200, 300, 400, 500 Distribution



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