HURRICANE/155 ACHIEVES ONLY 50 PERCENT OF ITS RATED BANDWIDTH

Legend:
- ▬ Fast Ethernet
- ▬ Franklin Telecom Corp. UltraFast Hurricane/155 (16K-byte maximum packet size)
- ▬ Franklin Telecom Corp. UltraFast Hurricane/155 (4K-byte maximum packet size)

Y-axis: Throughput (in Mbps) — 80, 0, 60, 50, 40, 30, 20, 10, 0

X-axis: Request block size in bytes — 64, 128, 256, 512, 1,024, 2,048, 4,096, 8,192, 16,384, 32,768
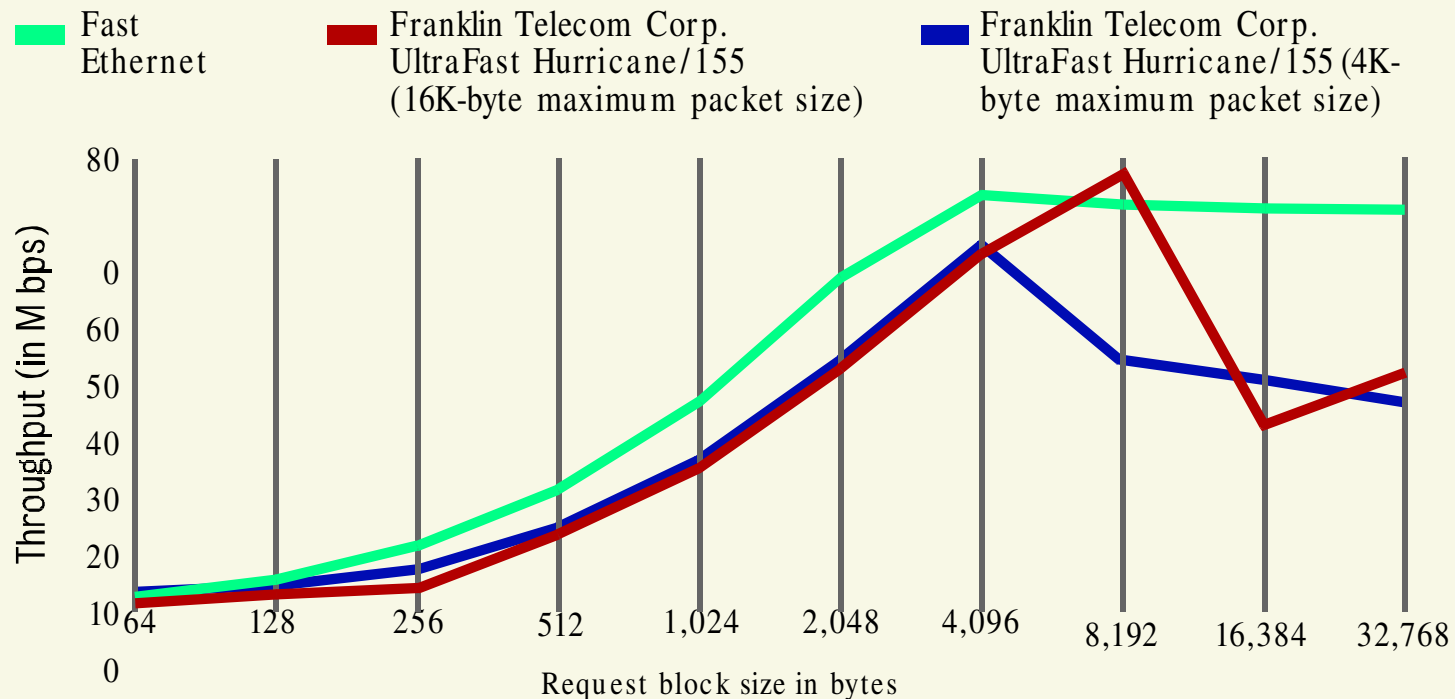
Our test LAN consisted of five EISA workstations and a NetWare 3.12 file server, each equipped with a Hurricane/155 NIC and daisy-chained via the Hurricane/155's built-in hub port to provide LAN connectivity. To represent the Fast Ethernet camp, we used NetWorth Inc.'s SwiftNIC 10/100TX EISA adapter with Asante Technologies Inc.'s AsanteFast 100 Hub as a repeater. We measured the results using NetBench 3.01's NIC Throughput test.