

UTP Q2 2026 - May Tape C Quote Metrics

| Quarter  | System Availability (1) | Peak Messages Per Second (thousands) | Capacity Messages Per Second (thousands) | Capacity vs Peak Ratio | Peak Messages Per 100 Milliseconds (thousands) (2) | Capacity Messages Per 100 Milliseconds (thousands) | Capacity vs Peak Ratio | Peak Messages Per 10 Milliseconds (thousands) | Peak Messages Per 1 Millisecond (thousands) | Peak Transactions Per Day (millions) | Capacity Transactions Per Day (millions) | Average Latency (µs) | Median Latency (µs) | 10th Percentile Latency (µs) | 90th Percentile Latency (µs) | 99th Percentile Latency (µs) |
|----------|-------------------------|--------------------------------------|------------------------------------------|------------------------|----------------------------------------------------|----------------------------------------------------|------------------------|-----------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|----------------------|---------------------|------------------------------|------------------------------|------------------------------|
| 1Q19     | 100.00%                 | 372.3                                | 3,075.9                                  | 8.3:1                  | 81.6                                               | 308.4                                              | 3.8:1                  | 20.4                                          | 3.4                                         | 321.5                                | 5,461.5                                  | 17.0                 | 16.6                | 15.5                         | 18.6                         | 24.5                         |
| 2Q19     | 100.00%                 | 338.9                                | 3,075.9                                  | 9.1:1                  | 75.6                                               | 308.4                                              | 4.1:1                  | 20.0                                          | 3.4                                         | 301.2                                | 5,461.5                                  | 16.9                 | 16.5                | 15.4                         | 18.4                         | 23.3                         |
| 3Q19     | 100.00%                 | 361.9                                | 3,075.9                                  | 8.5:1                  | 74.5                                               | 308.4                                              | 4.1:1                  | 19.5                                          | 3.3                                         | 314.9                                | 5,461.5                                  | 16.9                 | 16.5                | 15.4                         | 18.4                         | 22.9                         |
| 4Q19     | 100.00%                 | 356.1                                | 3,075.9                                  | 8.6:1                  | 97.2                                               | 310.8                                              | 3.2:1                  | 18.8                                          | 3.3                                         | 264.5                                | 5,461.5                                  | 16.8                 | 16.5                | 15.5                         | 18.4                         | 22.7                         |
| 1Q20     | 100.00%                 | 324.7                                | 3,075.9                                  | 9.5:1                  | 95.8                                               | 310.8                                              | 3.2:1                  | 20.5                                          | 3.4                                         | 614.8                                | 5,461.5                                  | 16.8                 | 16.5                | 15.4                         | 18.4                         | 22.9                         |
| 2Q20     | 100.00%                 | 334.3                                | 3,075.9                                  | 9.2:1                  | 87.9                                               | 310.8                                              | 3.5:1                  | 17.8                                          | 3.4                                         | 570.3                                | 5,461.5                                  | 15.0                 | 14.5                | 13.5                         | 16.2                         | 20.1                         |
| 3Q20     | 100.00%                 | 322.4                                | 3,490.0                                  | 10.8:1                 | 90.6                                               | 1,290.0                                            | 14.2:1                 | 16.1                                          | 3.5                                         | 534.9                                | 16,777.8                                 | 13.2                 | 13.0                | 12.0                         | 14.6                         | 18.0                         |
| 4Q20     | 100.00%                 | 372.5                                | 3,490.0                                  | 9.4:1                  | 91.3                                               | 1,290.0                                            | 14.1:1                 | 18.9                                          | 5.6                                         | 462.7                                | 16,777.8                                 | 13.0                 | 12.8                | 11.7                         | 14.5                         | 19.0                         |
| 1Q21     | 100.00%                 | 493.2                                | 3,490.0                                  | 7.1:1                  | 101.3                                              | 1,290.0                                            | 12.7:1                 | 18.2                                          | 4.4                                         | 884.0                                | 16,777.8                                 | 13.1                 | 12.8                | 11.7                         | 14.5                         | 18.6                         |
| 2Q21     | 100.00%                 | 545.1                                | 3,490.0                                  | 6.4:1                  | 95.8                                               | 1,290.0                                            | 13.5:1                 | 18.4                                          | 4.8                                         | 822.0                                | 16,777.8                                 | 13.2                 | 13.0                | 11.7                         | 14.6                         | 19.1                         |
| 3Q21     | 100.00%                 | 484.6                                | 4,031.8                                  | 8.3:1                  | 105.8                                              | 1,876.9                                            | 17.7:1                 | 22.1                                          | 5.0                                         | 778.0                                | 16,450.0                                 | 13.1                 | 12.8                | 11.7                         | 14.6                         | 18.8                         |
| 4Q21     | 100.00%                 | 353.4                                | 4,031.8                                  | 11.4:1                 | 94.0                                               | 1,876.9                                            | 20.0:1                 | 23.7                                          | 5.2                                         | 737.9                                | 16,450.0                                 | 13.1                 | 12.8                | 11.7                         | 14.6                         | 19.1                         |
| 1Q22     | 100.00%                 | 360.0                                | 4,031.8                                  | 11.2:1                 | 100.5                                              | 1,876.9                                            | 18.7:1                 | 26.6                                          | 5.2                                         | 1,010.1                              | 16,450.0                                 | 13.4                 | 13.0                | 11.9                         | 15.1                         | 20.9                         |
| 2Q22     | 100.00%                 | 408.3                                | 4,600.7                                  | 11.3:1                 | 108.0                                              | 1,876.9                                            | 17.4:1                 | 32.0                                          | 5.5                                         | 997.6                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.4                         | 19.7                         |
| 3Q22     | 100.00%                 | 402.3                                | 4,600.7                                  | 11.4:1                 | 109.8                                              | 1,876.9                                            | 17.1:1                 | 31.1                                          | 5.7                                         | 829.5                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.4                         | 19.9                         |
| 4Q22     | 100.00%                 | 440.5                                | 4,600.7                                  | 10.4:1                 | 121.4                                              | 1,876.9                                            | 15.5:1                 | 31.4                                          | 5.6                                         | 942.6                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.4                         | 20.1                         |
| 1Q23     | 100.00%                 | 452.2                                | 4,600.7                                  | 10.2:1                 | 120.8                                              | 1,876.9                                            | 15.5:1                 | 27.7                                          | 5.2                                         | 945.8                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.3                         | 20.1                         |
| Jan 2023 | n/a                     | 400.2                                | 4,600.7                                  | 11.5:1                 | 111.7                                              | 1,876.9                                            | 16.8:1                 | 27.7                                          | 5.2                                         | 623.5                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.2                         | 19.7                         |
| Feb 2023 | n/a                     | 448.5                                | 4,600.7                                  | 10.3:1                 | 115.2                                              | 1,876.9                                            | 16.3:1                 | 27.7                                          | 5.1                                         | 697.4                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.4                         | 20.3                         |
| Mar 2023 | n/a                     | 452.2                                | 4,600.7                                  | 10.2:1                 | 120.8                                              | 1,876.9                                            | 15.5:1                 | 25.2                                          | 5.0                                         | 945.8                                | 20,423.5                                 | 13.6                 | 13.2                | 12.1                         | 15.4                         | 20.1                         |
| 2Q23     | 100.00%                 | 441.2                                | 4,600.7                                  | 10.4:1                 | 121.7                                              | 2,483.8                                            | 20.4:1                 | 31.3                                          | 5.2                                         | 579.9                                | 20,823.1                                 | 13.6                 | 13.1                | 12.1                         | 15.1                         | 19.7                         |
| Apr 2023 | n/a                     | 350.8                                | 4,600.7                                  | 13.1:1                 | 121.7                                              | 1,876.9                                            | 15.4:1                 | 31.3                                          | 5.2                                         | 504.8                                | 20,423.5                                 | 13.4                 | 13.1                | 12.0                         | 15.1                         | 19.7                         |
| May 2023 | n/a                     | 441.2                                | 4,600.7                                  | 10.4:1                 | 116.9                                              | 1,876.9                                            | 16.1:1                 | 29.5                                          | 4.7                                         | 579.9                                | 20,423.5                                 | 13.4                 | 13.1                | 12.1                         | 15.1                         | 19.5                         |
| Jun 2023 | n/a                     | 373.1                                | 4,600.7                                  | 12.3:1                 | 116.3                                              | 2,483.8                                            | 21.4:1                 | 30.4                                          | 4.8                                         | 573.8                                | 20,823.1                                 | 13.9                 | 13.1                | 12.1                         | 15.1                         | 19.7                         |
| 3Q23     | 100.00%                 | 410.2                                | 4,600.7                                  | 11.2:1                 | 124.4                                              | 2,483.8                                            | 20.0:1                 | 33.8                                          | 6.0                                         | 634.4                                | 20,823.1                                 | 15.4                 | 13.1                | 12.1                         | 14.9                         | 19.3                         |
| Jul 2023 | n/a                     | 337.0                                | 4,600.7                                  | 13.7:1                 | 124.4                                              | 2,483.8                                            | 20.0:1                 | 33.8                                          | 5.3                                         | 558.7                                | 20,823.1                                 | 15.4                 | 13.1                | 12.1                         | 14.9                         | 19.2                         |
| Aug 2023 | n/a                     | 370.2                                | 4,600.7                                  | 12.4:1                 | 122.4                                              | 2,483.8                                            | 20.3:1                 | 31.6                                          | 6.0                                         | 634.4                                | 20,823.1                                 | 15.5                 | 13.1                | 12.1                         | 15.1                         | 19.3                         |
| Sep 2023 | n/a                     | 410.2                                | 4,600.7                                  | 11.2:1                 | 119.8                                              | 2,483.8                                            | 20.7:1                 | 33.3                                          | 4.8                                         | 566.2                                | 20,823.1                                 | 15.2                 | 13.1                | 12.1                         | 15.0                         | 19.3                         |
| 4Q23     | 100.00%                 | 449.4                                | 4,600.7                                  | 10.2:1                 | 133.2                                              | 2,483.8                                            | 18.6:1                 | 36.1                                          | 4.7                                         | 760.4                                | 20,823.1                                 | 14.4                 | 13.0                | 12.0                         | 14.8                         | 19.3                         |
| Oct 2023 | n/a                     | 391.3                                | 4,600.7                                  | 11.8:1                 | 116.8                                              | 2,483.8                                            | 21.3:1                 | 35.4                                          | 4.7                                         | 760.4                                | 20,823.1                                 | 14.9                 | 13.2                | 12.1                         | 15.2                         | 19.7                         |
| Nov 2023 | n/a                     | 391.1                                | 4,600.7                                  | 11.8:1                 | 133.2                                              | 2,483.8                                            | 18.6:1                 | 33.9                                          | 4.4                                         | 628.3                                | 20,823.1                                 | 14.1                 | 13.0                | 11.9                         | 14.8                         | 18.9                         |
| Dec 2023 | n/a                     | 449.4                                | 4,600.7                                  | 10.2:1                 | 130.3                                              | 2,483.8                                            | 19.1:1                 | 36.1                                          | 4.3                                         | 742.2                                | 20,823.1                                 | 14.0                 | 12.8                | 11.9                         | 14.7                         | 19.0                         |
| 1Q24     | 100.00%                 | 403.6                                | 4,600.7                                  | 11.4:1                 | 127.3                                              | 2,483.8                                            | 19.5:1                 | 40.9                                          | 4.8                                         | 735.4                                | 20,823.1                                 | 13.6                 | 12.8                | 11.9                         | 14.6                         | 18.8                         |
| Jan 2024 | n/a                     | 399.8                                | 4,600.7                                  | 11.5:1                 | 123.1                                              | 2,483.8                                            | 20.2:1                 | 35.8                                          | 4.5                                         | 735.4                                | 20,823.1                                 | 13.7                 | 13.0                | 11.9                         | 14.8                         | 18.9                         |
| Feb 2024 | n/a                     | 403.6                                | 4,600.7                                  | 11.4:1                 | 119.7                                              | 2,483.8                                            | 20.7:1                 | 40.9                                          | 4.8                                         | 682.9                                | 20,823.1                                 | 13.6                 | 12.8                | 11.9                         | 14.6                         | 18.9                         |
| Mar 2024 | n/a                     | 373.6                                | 4,600.7                                  | 12.3:1                 | 127.3                                              | 2,483.8                                            | 19.5:1                 | 31.9                                          | 4.7                                         | 697.4                                | 20,823.1                                 | 13.5                 | 12.8                | 11.7                         | 14.6                         | 18.4                         |
| 2Q24     | 100.00%                 | 444.0                                | 4,600.7                                  | 10.4:1                 | 117.3                                              | 2,483.8                                            | 21.2:1                 | 30.8                                          | 4.7                                         | 624.2                                | 20,823.1                                 | 14.6                 | 12.8                | 11.9                         | 14.6                         | 18.0                         |
| Apr 2024 | n/a                     | 376.7                                | 4,600.7                                  | 12.2:1                 | 117.3                                              | 2,483.8                                            | 21.2:1                 | 28.3                                          | 4.7                                         | 624.2                                | 20,823.1                                 | 14.4                 | 12.8                | 11.9                         | 14.8                         | 18.8                         |
| May 2024 | n/a                     | 331.2                                | 4,600.7                                  | 13.9:1                 | 109.2                                              | 2,483.8                                            | 22.7:1                 | 30.8                                          | 4.3                                         | 596.7                                | 20,823.1                                 | 15.0                 | 12.8                | 11.9                         | 14.6                         | 17.9                         |
| Jun 2024 | n/a                     | 444.0                                | 4,600.7                                  | 10.4:1                 | 106.1                                              | 2,483.8                                            | 23.4:1                 | 28.3                                          | 4.1                                         | 501.6                                | 20,823.1                                 | 14.3                 | 12.8                | 11.7                         | 14.6                         | 18.0                         |
| 3Q24     | 100.00%                 | 470.2                                | 4,600.7                                  | 9.8:1                  | 109.9                                              | 2,483.8                                            | 22.6:1                 | 31.0                                          | 4.7                                         | 829.9                                | 18,373.0                                 | 14.1                 | 12.8                | 11.7                         | 14.6                         | 18.0                         |
| Jul 2024 | n/a                     | 414.9                                | 4,600.7                                  | 11.1:1                 | 104.2                                              | 2,483.8                                            | 23.8:1                 | 27.1                                          | 4.6                                         | 657.5                                | 20,823.1                                 | 14.0                 | 12.8                | 11.7                         | 14.6                         | 18.0                         |
| Aug 2024 | n/a                     | 347.5                                | 4,600.7                                  | 13.2:1                 | 106.5                                              | 2,483.8                                            | 23.3:1                 | 27.3                                          | 4.7                                         | 829.9                                | 18,373.0                                 | 13.6                 | 12.8                | 11.7                         | 14.6                         | 18.0                         |
| Sep 2024 | n/a                     | 470.2                                | 4,600.7                                  | 9.8:1                  | 109.9                                              | 2,483.8                                            | 22.6:1                 | 31.0                                          | 4.6                                         | 671.0                                | 18,373.0                                 | 14.8                 | 12.8                | 11.7                         | 14.6                         | 18.0                         |
| 4Q24     | 100.00%                 | 424.7                                | 4,600.7                                  | 10.8:1                 | 115.7                                              | 2,483.8                                            | 21.5:1                 | 29.4                                          | 4.7                                         | 743.9                                | 18,373.0                                 | 13.3                 | 12.7                | 11.7                         | 14.3                         | 17.5                         |
| Oct 2024 | n/a                     | 414.6                                | 4,600.7                                  | 11.1:1                 | 115.7                                              | 2,483.8                                            | 21.5:1                 | 28.3                                          | 3.9                                         | 679.6                                | 18,373.0                                 | 13.4                 | 12.8                | 11.7                         | 14.5                         | 17.5                         |
| Nov 2024 | n/a                     | 366.2                                | 4,600.7                                  | 12.6:1                 | 105.8                                              | 2,483.8                                            | 23.5:1                 | 26.9                                          | 4.7                                         | 743.9                                | 18,373.0                                 | 12.9                 | 12.6                | 11.7                         | 14.4                         | 17.5                         |
| Dec 2024 | n/a                     | 424.7                                | 4,600.7                                  | 10.8:1                 | 104.4                                              | 2,483.8                                            | 23.8:1                 | 29.4                                          | 4.3                                         | 667.6                                | 18,373.0                                 | 13.5                 | 12.5                | 11.5                         | 14.2                         | 17.1                         |
| 1Q25     | 100.00%                 | 550.6                                | 4,600.7                                  | 8.4:1                  | 119.2                                              | 2,483.8                                            | 20.8:1                 | 30.1                                          | 4.8                                         | 1,004.9                              | 18,373.0                                 | 12.5                 | 12.3                | 11.4                         | 14.2                         | 17.5                         |
| Jan 2025 | n/a                     | 346.6                                | 4,600.7                                  | 13.3:1                 | 106.1                                              | 2,483.8                                            | 23.4:1                 | 30.1                                          | 4.3                                         | 706.1                                | 18,373.0                                 | 13.1                 | 12.4                | 11.4                         | 14.3                         | 18.0                         |
| Feb 2025 | n/a                     | 468.9                                | 4,600.7                                  | 9.8:1                  | 111.5                                              | 2,483.8                                            | 22.3:1                 | 25.6                                          | 3.7                                         | 774.6                                | 18,373.0                                 | 12.8                 | 12.3                | 11.4                         | 14.2                         | 18.0                         |
| Mar 2025 | n/a                     | 550.6                                | 4,600.7                                  | 8.4:1                  | 119.2                                              | 2,483.8                                            | 20.8:1                 | 28.6                                          | 4.8                                         | 1,004.9                              | 18,373.0                                 | 11.8                 | 11.2                | 10.5                         | 12.8                         | 15.5                         |
| 2Q25     | 100.00%                 | 546.8                                | 4,600.7                                  | 8.4:1                  | 122.0                                              | 2,483.8                                            | 20.4:1                 | 26.9                                          | 5.4                                         | 1,380.8                              | 18,373.0                                 | 11.6                 | 11.1                | 10.5                         | 12.7                         | 15.2                         |
| Apr 2025 | n/a                     | 546.8                                | 4,600.7                                  | 8.4:1                  | 110.5                                              | 2,483.8                                            | 22.5:1                 | 26.9                                          | 4.5                                         | 1,380.8                              | 18,373.0                                 | 11.8                 | 11.2                | 10.5                         | 12.7                         | 15.4                         |
| May 2025 | n/a                     | 463.4                                | 4,600.7                                  | 9.9:1                  | 108.6                                              | 2,483.8                                            | 22.9:1                 | 26.8                                          | 5.3                                         | 660.6                                | 18,373.0                                 | 11.5                 | 11.1                | 10.5                         | 12.6                         | 15.1                         |
| Jun 2025 | n/a                     | 492.3                                | 4,600.7                                  | 9.3:1                  | 122.0                                              | 2,483.8                                            | 20.4:1                 | 25.0                                          | 5.4                                         | 656.8                                | 18,373.0                                 | 11.5                 | 11.1                | 10.5                         | 12.6                         | 15.2                         |
| 3Q25     | 100.00%                 | 519.1                                | 5,045.7                                  | 9.7:1                  | 118.4                                              | 2,700.7                                            | 22.8:1                 | 27.0                                          | 6.0                                         | 767.5                                | 43,800.0                                 | 11.6                 | 11.5                | 10.5                         | 12.8                         | 15.2                         |
| Jul 2025 | n/a                     | 519.1                                | 5,045.7                                  | 9.7:1                  | 118.4                                              | 2,700.7                                            | 22.8:1                 | 25.1                                          | 6.0                                         | 632.7                                | 43,800.0                                 | 11.6                 | 11.6                | 10.6                         | 12.8                         | 15.2                         |
| Aug 2025 | n/a                     | 356.5                                | 5,045.7                                  | 14.2:1                 | 111.4                                              | 2,700.7                                            | 24.2:1                 | 27.0                                          | 4.7                                         | 746.1                                | 43,800.0                                 | 11.7                 | 11.6                | 10.6                         | 12.8                         | 15.4                         |
| Sep 2025 | n/a                     | 507.2                                | 5,045.7                                  | 9.9:1                  | 114.5                                              | 2,700.7                                            | 23.6:1                 | 25.1                                          | 4.5                                         | 767.5                                | 43,800.0                                 | 11.5                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| 4Q25     | 100.00%                 | 615.9                                | 5,045.7                                  | 8.2:1                  | 136.0                                              | 2,700.7                                            | 19.9:1                 | 26.4                                          | 4.6                                         | 1,366.5                              | 43,800.0                                 | 11.1                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| Oct 2025 | n/a                     | 542.8                                | 5,045.7                                  | 9.3:1                  | 119.8                                              | 2,700.7                                            | 22.5:1                 | 24.3                                          | 4.1                                         | 1,115.6                              | 43,800.0                                 | 11.1                 | 11.1                | 10.0                         | 12.1                         | 14.2                         |
| Nov 2025 | n/a                     | 528.8                                | 5,045.7                                  | 9.5:1                  | 125.4                                              | 2,700.7                                            | 21.5:1                 | 25.0                                          | 4.6                                         | 1,366.5                              | 43,800.0                                 | 11.1                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| Dec 2025 | n/a                     | 615.9                                | 5,045.7                                  | 8.2:1                  | 136.0                                              | 2,700.7                                            | 19.9:1                 | 26.4                                          | 4.4                                         | 860.8                                | 43,800.0                                 | 11.0                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| 1Q26     | 100.00%                 | 636.5                                | 5,045.7                                  | 7.9:1                  | 184.0                                              | 2,700.7                                            | 14.7:1                 | 28.5                                          | 5.6                                         | 1,214.5                              | 43,800.0                                 | 11.2                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| Jan 2026 | n/a                     | 539.0                                | 5,045.7                                  | 9.4:1                  | 131.3                                              | 2,700.7                                            | 20.6:1                 | 25.4                                          | 4.8                                         | 1,019.9                              | 43,800.0                                 | 11.2                 | 11.1                | 10.1                         | 12.1                         | 14.2                         |
| Feb 2026 | n/a                     | 627.7                                | 5,045.7                                  | 8.0:1                  | 130.0                                              | 2,700.7                                            | 20.8:1                 | 28.2                                          | 4.9                                         | 1,214.5                              | 43,800.0                                 | 11.1                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |
| Mar 2026 | n/a                     | 636.5                                | 5,045.7                                  | 7.9:1                  | 184.0                                              | 2,700.7                                            | 14.7:1                 | 28.5                                          | 5.6                                         | 1,211.1                              | 43,800.0                                 | 11.2                 | 11.1                | 10.1                         | 12.2                         | 14.5                         |
| 2Q26     | 100.00%                 | 864.7                                | 5,045.7                                  | 5.8:1                  | 171.3                                              | 2,700.7                                            | 15.8:1                 | 30.0                                          | 4.8                                         | 1,073.7                              | 43,800.0                                 | 14.6                 | 12.1                | 10.8                         | 15.1                         | 42.4                         |
| Apr 2026 | n/a                     | 609.5                                | 5,045.7                                  | 8.3:1                  | 171.1                                              | 2,700.7                                            | 15.8:1                 | 30.0                                          | 4.8                                         | 914.0                                | 43,800.0                                 | 11.9                 | 11.1                | 10.1                         | 12.2                         | 14.3                         |

UTP Q2 2026 - May Tape C Trade Metrics

| Quarter  | System Availability (1) | Peak Messages Per Second (thousands) | Capacity Messages Per Second (thousands) | Capacity vs Peak Ratio | Peak Messages Per 100 Milliseconds (thousands) (2) | Capacity Messages Per 100 Milliseconds (thousands) | Capacity vs Peak Ratio | Peak Messages Per 10 Milliseconds (thousands) | Peak Messages Per 1 Millisecond (thousands) | Peak Transactions Per Day (millions) | Capacity Transactions Per Day (millions) | Average Latency (µs) | Median Latency (µs) | 10th Percentile Latency (µs) | 90th Percentile Latency (µs) | 99th Percentile Latency (µs) |
|----------|-------------------------|--------------------------------------|------------------------------------------|------------------------|----------------------------------------------------|----------------------------------------------------|------------------------|-----------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|----------------------|---------------------|------------------------------|------------------------------|------------------------------|
| 1Q19     | 100.00%                 | 89.8                                 | 3,143.7                                  | 35.0:1                 | 17.8                                               | 300.0                                              | 16.8:1                 | 7.3                                           | 3.3                                         | 17.7                                 | 4,200.0                                  | 17.5                 | 17.3                | 16.3                         | 18.8                         | 20.7                         |
| 2Q19     | 100.00%                 | 99.4                                 | 3,143.7                                  | 31.6:1                 | 28.1                                               | 300.0                                              | 10.7:1                 | 7.8                                           | 3.4                                         | 19.6                                 | 4,200.0                                  | 17.5                 | 17.3                | 16.3                         | 18.9                         | 21.1                         |
| 3Q19     | 100.00%                 | 84.5                                 | 3,143.7                                  | 37.2:1                 | 33.1                                               | 300.0                                              | 9.1:1                  | 8.2                                           | 3.3                                         | 20.7                                 | 4,200.0                                  | 17.5                 | 17.3                | 16.2                         | 18.9                         | 21.3                         |
| 4Q19     | 100.00%                 | 95.4                                 | 3,143.7                                  | 33.0:1                 | 35.8                                               | 350.8                                              | 9.8:1                  | 8.1                                           | 3.3                                         | 18.4                                 | 4,200.0                                  | 17.5                 | 17.3                | 16.3                         | 18.9                         | 21.3                         |
| 1Q20     | 100.00%                 | 56.0                                 | 3,143.7                                  | 56.1:1                 | 31.6                                               | 350.8                                              | 11.1:1                 | 8.4                                           | 3.4                                         | 36.7                                 | 4,200.0                                  | 17.6                 | 17.3                | 16.3                         | 19.1                         | 23.1                         |
| 2Q20     | 100.00%                 | 84.4                                 | 3,143.7                                  | 37.2:1                 | 32.2                                               | 350.8                                              | 10.9:1                 | 9.5                                           | 3.5                                         | 33.3                                 | 4,200.0                                  | 15.8                 | 15.2                | 14.1                         | 16.6                         | 20.7                         |
| 3Q20     | 100.00%                 | 101.1                                | 3,560.0                                  | 35.2:1                 | 28.0                                               | 1,330.0                                            | 47.5:1                 | 8.0                                           | 3.6                                         | 35.5                                 | 11,058.8                                 | 14.9                 | 14.2                | 12.8                         | 15.7                         | 22.0                         |
| 4Q20     | 100.00%                 | 95.2                                 | 3,560.0                                  | 37.4:1                 | 28.0                                               | 1,330.0                                            | 47.4:1                 | 9.9                                           | 3.9                                         | 38.8                                 | 11,058.8                                 | 15.0                 | 13.9                | 12.7                         | 15.5                         | 23.6                         |
| 1Q21     | 100.00%                 | 442.6                                | 3,560.0                                  | 8.0:1                  | 47.1                                               | 1,330.0                                            | 28.3:1                 | 8.5                                           | 4.2                                         | 54.3                                 | 11,058.8                                 | 24.4                 | 13.9                | 12.7                         | 15.5                         | 24.5                         |
| 2Q21     | 100.00%                 | 144.6                                | 3,560.0                                  | 24.6:1                 | 26.2                                               | 1,330.0                                            | 50.8:1                 | 7.2                                           | 4.7                                         | 39.6                                 | 11,058.8                                 | 14.8                 | 14.1                | 12.8                         | 15.5                         | 22.7                         |
| 3Q21     | 100.00%                 | 136.5                                | 3,955.8                                  | 29.0:1                 | 29.4                                               | 1,329.0                                            | 45.3:1                 | 9.3                                           | 4.9                                         | 37.9                                 | 12,300.0                                 | 14.7                 | 14.1                | 12.8                         | 15.7                         | 23.1                         |
| 4Q21     | 100.00%                 | 156.4                                | 3,955.8                                  | 25.3:1                 | 26.7                                               | 1,329.0                                            | 49.8:1                 | 13.5                                          | 5.1                                         | 47.2                                 | 12,300.0                                 | 18.6                 | 14.1                | 12.7                         | 15.5                         | 23.6                         |
| 1Q22     | 100.00%                 | 148.8                                | 3,955.8                                  | 26.6:1                 | 36.4                                               | 1,329.0                                            | 36.5:1                 | 12.3                                          | 5.3                                         | 60.5                                 | 12,300.0                                 | 14.6                 | 13.9                | 12.7                         | 15.5                         | 23.3                         |
| 2Q22     | 100.00%                 | 163.1                                | 4,339.3                                  | 26.6:1                 | 34.5                                               | 1,540.0                                            | 44.6:1                 | 9.5                                           | 5.3                                         | 52.2                                 | 10,003.7                                 | 14.9                 | 14.2                | 13.0                         | 16.0                         | 22.7                         |
| 3Q22     | 100.00%                 | 139.6                                | 4,339.3                                  | 31.1:1                 | 39.7                                               | 1,540.0                                            | 38.8:1                 | 9.7                                           | 5.5                                         | 40.8                                 | 10,003.7                                 | 14.8                 | 14.2                | 13.1                         | 15.8                         | 22.0                         |
| 4Q22     | 100.00%                 | 161.9                                | 4,339.3                                  | 26.8:1                 | 41.7                                               | 1,540.0                                            | 37.0:1                 | 11.8                                          | 5.4                                         | 47.0                                 | 10,003.7                                 | 15.2                 | 14.2                | 13.1                         | 16.0                         | 22.4                         |
| 1Q23     | 100.00%                 | 133.2                                | 4,339.3                                  | 32.6:1                 | 37.1                                               | 1,540.0                                            | 41.5:1                 | 10.3                                          | 5.1                                         | 47.4                                 | 10,003.7                                 | 14.7                 | 14.2                | 13.1                         | 15.8                         | 21.4                         |
| Jan 2023 | n/a                     | 85.5                                 | 4,339.3                                  | 50.7:1                 | 32.5                                               | 1,540.0                                            | 47.3:1                 | 8.5                                           | 5.1                                         | 36.7                                 | 10,003.7                                 | 14.6                 | 14.2                | 13.1                         | 15.8                         | 21.3                         |
| Feb 2023 | n/a                     | 83.2                                 | 4,339.3                                  | 52.1:1                 | 34.2                                               | 1,540.0                                            | 45.0:1                 | 8.6                                           | 4.9                                         | 47.4                                 | 10,003.7                                 | 14.7                 | 14.2                | 13.1                         | 15.8                         | 21.3                         |
| Mar 2023 | n/a                     | 133.2                                | 4,339.3                                  | 32.6:1                 | 37.1                                               | 1,540.0                                            | 41.5:1                 | 10.3                                          | 4.9                                         | 46.7                                 | 10,003.7                                 | 14.6                 | 14.2                | 13.1                         | 15.8                         | 21.8                         |
| 2Q23     | 100.00%                 | 137.5                                | 4,339.3                                  | 31.6:1                 | 40.0                                               | 2,765.0                                            | 69.2:1                 | 11.6                                          | 5.0                                         | 40.7                                 | 11,047.8                                 | 14.9                 | 14.3                | 13.1                         | 16.0                         | 23.8                         |
| Apr 2023 | n/a                     | 73.5                                 | 4,339.3                                  | 59.1:1                 | 32.5                                               | 1,540.0                                            | 47.5:1                 | 9.9                                           | 5.0                                         | 36.0                                 | 10,003.7                                 | 14.9                 | 14.3                | 13.1                         | 16.0                         | 23.3                         |
| May 2023 | n/a                     | 127.4                                | 4,339.3                                  | 34.1:1                 | 39.4                                               | 1,540.0                                            | 39.1:1                 | 11.5                                          | 4.4                                         | 38.6                                 | 10,003.7                                 | 14.8                 | 14.3                | 13.1                         | 16.0                         | 23.7                         |
| Jun 2023 | n/a                     | 137.5                                | 4,339.3                                  | 31.6:1                 | 40.0                                               | 2,765.0                                            | 69.2:1                 | 11.6                                          | 4.7                                         | 40.7                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.2                         | 24.3                         |
| 3Q23     | 100.00%                 | 128.8                                | 4,339.3                                  | 33.7:1                 | 46.7                                               | 2,765.0                                            | 59.2:1                 | 11.9                                          | 5.1                                         | 40.2                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.0                         | 24.0                         |
| Jul 2023 | n/a                     | 80.8                                 | 4,339.3                                  | 53.7:1                 | 33.0                                               | 2,765.0                                            | 83.8:1                 | 11.0                                          | 5.1                                         | 39.3                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.0                         | 23.9                         |
| Aug 2023 | n/a                     | 77.4                                 | 4,339.3                                  | 56.0:1                 | 37.4                                               | 2,765.0                                            | 73.9:1                 | 10.2                                          | 4.5                                         | 40.2                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.0                         | 23.8                         |
| Sep 2023 | n/a                     | 128.8                                | 4,339.3                                  | 33.7:1                 | 46.7                                               | 2,765.0                                            | 59.2:1                 | 11.9                                          | 4.6                                         | 37.7                                 | 11,047.8                                 | 14.9                 | 14.2                | 13.1                         | 16.2                         | 24.3                         |
| 4Q23     | 100.00%                 | 130.2                                | 4,339.3                                  | 33.3:1                 | 50.2                                               | 2,765.0                                            | 55.1:1                 | 10.8                                          | 4.2                                         | 49.3                                 | 11,047.8                                 | 14.7                 | 14.2                | 13.0                         | 16.0                         | 23.3                         |
| Oct 2023 | n/a                     | 65.5                                 | 4,339.3                                  | 66.2:1                 | 33.2                                               | 2,765.0                                            | 83.2:1                 | 10.6                                          | 3.2                                         | 38.1                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.0                         | 23.3                         |
| Nov 2023 | n/a                     | 106.5                                | 4,339.3                                  | 40.7:1                 | 42.4                                               | 2,765.0                                            | 65.2:1                 | 10.8                                          | 4.2                                         | 39.4                                 | 11,047.8                                 | 14.6                 | 14.1                | 13.0                         | 16.0                         | 23.1                         |
| Dec 2023 | n/a                     | 130.2                                | 4,339.3                                  | 33.3:1                 | 50.2                                               | 2,765.0                                            | 55.1:1                 | 10.4                                          | 3.9                                         | 49.3                                 | 11,047.8                                 | 14.7                 | 14.1                | 13.0                         | 16.1                         | 23.3                         |
| 1Q24     | 100.00%                 | 119.5                                | 4,339.3                                  | 36.3:1                 | 44.5                                               | 2,765.0                                            | 62.2:1                 | 11.3                                          | 4.2                                         | 45.5                                 | 11,047.8                                 | 15.0                 | 14.1                | 13.0                         | 16.2                         | 24.5                         |
| Jan 2024 | n/a                     | 70.0                                 | 4,339.3                                  | 62.0:1                 | 33.5                                               | 2,765.0                                            | 82.6:1                 | 10.6                                          | 4.1                                         | 40.8                                 | 11,047.8                                 | 14.9                 | 14.1                | 13.0                         | 16.0                         | 23.6                         |
| Feb 2024 | n/a                     | 89.7                                 | 4,339.3                                  | 48.4:1                 | 42.6                                               | 2,765.0                                            | 64.9:1                 | 11.3                                          | 4.2                                         | 45.5                                 | 11,047.8                                 | 14.9                 | 14.1                | 13.0                         | 16.0                         | 24.5                         |
| Mar 2024 | n/a                     | 119.5                                | 4,339.3                                  | 36.3:1                 | 44.5                                               | 2,765.0                                            | 62.2:1                 | 11.0                                          | 3.2                                         | 45.5                                 | 11,047.8                                 | 15.2                 | 14.1                | 13.0                         | 16.2                         | 25.4                         |
| 2Q24     | 100.00%                 | 161.6                                | 4,339.3                                  | 26.9:1                 | 49.4                                               | 2,765.0                                            | 55.9:1                 | 12.3                                          | 3.9                                         | 43.7                                 | 11,047.8                                 | 15.2                 | 14.2                | 13.0                         | 16.0                         | 24.5                         |
| Apr 2024 | n/a                     | 71.6                                 | 4,339.3                                  | 60.6:1                 | 34.7                                               | 2,765.0                                            | 79.6:1                 | 8.2                                           | 2.9                                         | 40.5                                 | 11,047.8                                 | 15.1                 | 14.2                | 13.0                         | 16.1                         | 24.7                         |
| May 2024 | n/a                     | 89.2                                 | 4,339.3                                  | 48.6:1                 | 38.0                                               | 2,765.0                                            | 72.8:1                 | 8.2                                           | 3.9                                         | 42.8                                 | 11,047.8                                 | 14.8                 | 14.2                | 13.1                         | 16.1                         | 24.5                         |
| Jun 2024 | n/a                     | 161.6                                | 4,339.3                                  | 26.9:1                 | 49.4                                               | 2,765.0                                            | 55.9:1                 | 12.3                                          | 3.5                                         | 43.7                                 | 11,047.8                                 | 15.8                 | 14.2                | 13.0                         | 16.0                         | 24.8                         |
| 3Q24     | 100.00%                 | 131.2                                | 4,339.3                                  | 33.1:1                 | 39.0                                               | 2,765.0                                            | 70.9:1                 | 10.0                                          | 4.2                                         | 56.7                                 | 10,486.0                                 | 15.4                 | 14.1                | 13.0                         | 15.7                         | 23.6                         |
| Jul 2024 | n/a                     | 70.2                                 | 4,339.3                                  | 61.9:1                 | 30.8                                               | 2,765.0                                            | 89.9:1                 | 10.0                                          | 2.6                                         | 47.9                                 | 11,047.8                                 | 16.1                 | 14.1                | 13.0                         | 15.7                         | 24.8                         |
| Aug 2024 | n/a                     | 73.5                                 | 4,339.3                                  | 59.0:1                 | 31.8                                               | 2,765.0                                            | 86.9:1                 | 9.4                                           | 4.2                                         | 56.7                                 | 10,486.0                                 | 14.9                 | 14.1                | 13.0                         | 15.7                         | 23.5                         |
| Sep 2024 | n/a                     | 131.2                                | 4,339.3                                  | 33.1:1                 | 39.0                                               | 2,765.0                                            | 70.9:1                 | 9.8                                           | 3.7                                         | 44.9                                 | 10,486.0                                 | 15.1                 | 14.1                | 13.0                         | 15.7                         | 22.9                         |
| 4Q24     | 100.00%                 | 126.0                                | 4,339.3                                  | 34.5:1                 | 39.0                                               | 2,765.0                                            | 70.9:1                 | 10.9                                          | 4.1                                         | 61.2                                 | 10,486.0                                 | 14.9                 | 14.0                | 12.8                         | 15.5                         | 23.7                         |
| Oct 2024 | n/a                     | 77.4                                 | 4,339.3                                  | 56.0:1                 | 32.8                                               | 2,765.0                                            | 84.3:1                 | 8.6                                           | 2.6                                         | 46.8                                 | 10,486.0                                 | 15.1                 | 14.1                | 13.0                         | 15.7                         | 23.3                         |
| Nov 2024 | n/a                     | 82.1                                 | 4,339.3                                  | 52.9:1                 | 34.6                                               | 2,765.0                                            | 79.9:1                 | 9.9                                           | 3.5                                         | 60.8                                 | 10,486.0                                 | 14.9                 | 13.9                | 12.8                         | 15.5                         | 23.0                         |
| Dec 2024 | n/a                     | 126.0                                | 4,339.3                                  | 34.5:1                 | 39.0                                               | 2,765.0                                            | 70.9:1                 | 10.9                                          | 4.1                                         | 61.2                                 | 10,486.0                                 | 14.8                 | 13.8                | 12.7                         | 15.5                         | 25.3                         |
| 1Q25     | 100.00%                 | 155.5                                | 4,339.3                                  | 27.9:1                 | 49.2                                               | 2,765.0                                            | 56.2:1                 | 11.4                                          | 4.0                                         | 66.3                                 | 10,486.0                                 | 14.6                 | 13.6                | 12.6                         | 15.2                         | 23.6                         |
| Jan 2025 | n/a                     | 65.0                                 | 4,339.3                                  | 66.8:1                 | 31.4                                               | 2,765.0                                            | 88.2:1                 | 8.4                                           | 3.5                                         | 66.3                                 | 10,486.0                                 | 15.6                 | 13.8                | 12.6                         | 15.4                         | 25.1                         |
| Feb 2025 | n/a                     | 90.0                                 | 4,339.3                                  | 48.2:1                 | 35.9                                               | 2,765.0                                            | 77.0:1                 | 10.3                                          | 3.5                                         | 59.7                                 | 10,486.0                                 | 14.8                 | 13.6                | 12.6                         | 15.2                         | 24.5                         |
| Mar 2025 | n/a                     | 155.5                                | 4,339.3                                  | 27.9:1                 | 49.2                                               | 2,765.0                                            | 56.2:1                 | 11.4                                          | 4.0                                         | 66.2                                 | 10,486.0                                 | 13.5                 | 12.3                | 11.4                         | 13.4                         | 19.3                         |
| 2Q25     | 100.00%                 | 154.8                                | 4,339.3                                  | 28.0:1                 | 54.2                                               | 2,765.0                                            | 51.0:1                 | 12.1                                          | 4.4                                         | 89.9                                 | 10,486.0                                 | 12.9                 | 12.0                | 11.1                         | 13.2                         | 19.7                         |
| Apr 2025 | n/a                     | 102.7                                | 4,339.3                                  | 42.3:1                 | 41.2                                               | 2,765.0                                            | 67.1:1                 | 10.2                                          | 3.5                                         | 89.9                                 | 10,486.0                                 | 13.0                 | 12.2                | 11.4                         | 13.5                         | 19.3                         |
| May 2025 | n/a                     | 115.7                                | 4,339.3                                  | 37.5:1                 | 42.3                                               | 2,765.0                                            | 65.3:1                 | 9.9                                           | 4.4                                         | 64.5                                 | 10,486.0                                 | 12.6                 | 12.0                | 11.1                         | 13.2                         | 19.9                         |
| Jun 2025 | n/a                     | 154.8                                | 4,339.3                                  | 28.0:1                 | 54.2                                               | 2,765.0                                            | 51.0:1                 | 12.1                                          | 3.9                                         | 59.0                                 | 10,486.0                                 | 13.2                 | 11.6                | 10.6                         | 12.7                         | 20.1                         |
| 3Q25     | 100.00%                 | 159.9                                | 4,028.5                                  | 25.2:1                 | 53.5                                               | 2,734.1                                            | 51.1:1                 | 13.0                                          | 4.1                                         | 68.1                                 | 28,000.0                                 | 16.9                 | 11.5                | 10.7                         | 12.7                         | 20.3                         |
| Jul 2025 | n/a                     | 88.1                                 | 4,028.5                                  | 45.7:1                 | 37.1                                               | 2,734.1                                            | 73.7:1                 | 8.9                                           | 3.8                                         | 64.0                                 | 28,000.0                                 | 25.7                 | 11.4                | 10.7                         | 12.7                         | 20.1                         |
| Aug 2025 | n/a                     | 102.5                                | 4,028.5                                  | 39.3:1                 | 45.5                                               | 2,734.1                                            | 60.1:1                 | 12.0                                          | 3.9                                         | 66.6                                 | 28,000.0                                 | 12.3                 | 11.5                | 10.8                         | 12.7                         | 20.5                         |
| Sep 2025 | n/a                     | 159.9                                | 4,028.5                                  | 25.2:1                 | 53.5                                               | 2,734.1                                            | 51.1:1                 | 13.0                                          | 4.1                                         | 68.1                                 | 28,000.0                                 | 12.3                 | 11.5                | 10.8                         | 12.8                         | 20.3                         |
| 4Q25     | 100.00%                 | 176.9                                | 4,028.5                                  | 22.8:1                 | 48.6                                               | 2,734.1                                            | 56.2:1                 | 10.4                                          | 4.4                                         | 86.2                                 | 28,000.0                                 | 12.4                 | 11.5                | 10.8                         | 12.7                         | 20.3                         |
| Oct 2025 | n/a                     | 98.9                                 | 4,028.5                                  | 40.7:1                 | 39.2                                               | 2,734.1                                            | 69.8:1                 | 9.5                                           | 4.4                                         | 86.2                                 | 28,000.0                                 | 12.4                 | 11.5                | 10.7                         | 12.7                         | 20.9                         |
| Nov 2025 | n/a                     | 129.6                                | 4,028.5                                  | 31.1:1                 | 40.0                                               | 2,734.1                                            | 68.3:1                 | 10.4                                          | 4.2                                         | 79.9                                 | 28,000.0                                 | 12.8                 | 11.5                | 10.8                         | 12.7                         | 19.9                         |
| Dec 2025 | n/a                     | 176.9                                | 4,028.5                                  | 22.8:1                 | 48.6                                               | 2,734.1                                            | 56.2:1                 | 8.1                                           | 4.3                                         | 66.5                                 | 28,000.0                                 | 12.2                 | 11.5                | 10.8                         | 12.7                         | 19.7                         |
| 1Q26     | 100.00%                 | 189.3                                | 4,028.5                                  | 21.3:1                 | 46.0                                               | 2,734.1                                            | 59.4:1                 | 12.2                                          | 4.7                                         | 91.0                                 | 28,000.0                                 | 12.3                 | 11.5                | 10.7                         | 12.7                         | 19.7                         |
| Jan 2026 | n/a                     | 102.5                                | 4,028.5                                  | 39.3:1                 | 42.3                                               | 2,734.1                                            | 64.6:1                 | 10.0                                          | 4.7                                         | 78.8                                 | 28,000.0                                 | 12.3                 | 11.5                | 10.8                         | 12.7                         | 20.1                         |
| Feb 2026 | n/a                     | 140.4                                | 4,028.5                                  | 28.7:1                 | 46.0                                               | 2,734.1                                            | 59.4:1                 | 12.2                                          | 4.0                                         | 91.0                                 | 28,000.0                                 | 12.5                 | 11.5                | 10.7                         | 12.7                         | 19.3                         |
| Mar 2026 | n/a                     | 189.3                                | 4,028.5                                  | 21.3:1                 | 43.9                                               | 2,734.1                                            | 62.3:1                 | 11.2                                          | 4.2                                         | 74.1                                 | 28,000.0                                 | 12.3                 | 11.5                | 10.7                         | 12.7                         | 18.8                         |
| 2Q26     | 100.00%                 | 208.2                                | 4,028.5                                  | 19.3:1                 | 54.9                                               | 2,734.1                                            | 49.8:1                 | 8.9                                           | 4.2                                         | 83.4                                 | 28,000.0                                 | 12.0                 | 11.4                | 10.7                         | 12.5                         | 16.6                         |
| Apr 2026 | n/a                     | 120.1                                | 4,028.5                                  | 33.5:1                 | 44.7                                               | 2,734.1                                            | 61.2:1                 | 8.6                                           | 4.1                                         | 73.0                                 | 28,000.0                                 | 12.0                 | 11.5                | 10.7                         | 12.5                         | 16.5                         |
| May 2026 | n/a                     | 208.2                                | 4,028.5                                  | 19.3:1                 | 54.9                                               | 2,734.1                                            | 49.8:1                 | 8.9                                           | 4.2                                         | 83.4                                 | 28,000.0                                 | 12.1                 | 11.4                | 10.7                         | 12.5                         | 16.8                         |