# Barracuda **Load Balancer ADC**

Hardware Datasheet

Highly demanding enterprise networks require full-featured application delivery that **optimizes application load balancing and performance, while providing protection from an ever-expanding list of intrusions and attacks.**

| MODEL COMPARISON | 340 | 440 | 540 | 640 |
|---|---|---|---|---|
| **SPECIFICIATIONS** | | | | |
| Throughput (L4) | 1.2 Gbps | 2 Gbps | 5 Gbps | 5 Gbps |
| Throughput (L7) | 1 Gbps | 2 Gbps | 3.6 Gbps | 3.6 Gbps |
| SSL TPS (2k)[1] | 200 | 400 | 1,400 | 8,300 |
| SSL Throughput | 250 Mbps | 400 Mbps | 1 Gbps | 1.3 Gbps |
| Concurrent Connections | 4M | 10M | 14M | 16M |
| L4 Connections Per Second | 40,000 | 100,000 | 120,000 | 165,000 |
| L7 Connections Per Second | 17,000 | 22,000 | 24,000 | 60,000 |
| Max. Compression Throughput | NA | NA | 2 Gbps | 2 Gbps |
| **HARDWARE** | | | | |
| ECC Memory | N | N | N | Y |
| 10/100 Copper | | | | |
| 1 Gb Copper | 4 | 4 | 8 | 8 |
| 10 Gb Copper | | | | |
| 10 Gb Fiber | | | | |
| Management Port | 1 x GbE | 1 x GbE | 1 x GbE | 1 x GbE |
| **FEATURES** | | | | |
| Form Factor | 1U | 1U | 1U | 1U |
| Dimensions (in) | 16.8x1.7x16 | 16.8x1.7x16 | 16.8x1.7x16 | 16.8x1.7x18 |
| Weight (lb) | 12 | 12 | 12 | 18 |
| Power Supply | 1 | 1 | 1 | 2 |
| AC Input (Amps) | 0.46 | 0.48 | 0.6 | 1 |
| Voltage | 100-240V 50-60 Hz | 100-240V 50-60 Hz | 100-240V 50-60 Hz | 100-240V 50-60Hz |
| Heat Output (BTU/Hr) | 188 | 197 | 246 | 409 |
| Operating Temperature | 5℃-35℃ (41℉-95℉) | 5℃-35℃ (41℉-95℉) | 5℃-35℃ (41℉-95℉) | 5℃-35℃ (41℉-95℉) |
| Operational Relative Humidity | 8% ~ 90% (non-condensing) | 8% ~ 90% (non-condensing) | 8% ~ 90% (non-condensing) | 8% ~ 90% (non-condensing) |

| MODEL COMPARISON | 641 | 642 | 840 | 841 | 842 |
|---|---|---|---|---|---|
| **SPECIFICATIONS** | | | | | |
| Throughput (L4) | 10 Gbps | 10 Gbps | 5 Gbps | 15 Gbps | 15 Gbps |
| Throughput (L7) | 8.5 Gbps | 8.5 Gbps | 3.6 Gbps | 13 Gbps | 13 Gbps |
| SSL TPS (2k)[1] | 8,300 | 8,300 | 24,000 | 24,000 | 24,000 |
| SSL Throughput | 1.3 Gbps | 1.3 Gbps | 4.2 Gbps | 4.2 Gbps | 4.2 Gbps |
| Concurrent Connections | 16M | 16M | 20M | 20M | 20M |
| L4 Connections Per Second | 165,000 | 165,000 | 360,000 | 360,000 | 360,000 |
| L7 Connections Per Second | 60,000 | 60,000 | 100,000 | 100,000 | 100,000 |
| Max. Compression Throughput | 4 Gbps | 4 Gbps | 4 Gbps | 7 Gbps | 7 Gbps |
| **HARDWARE** | | | | | |
| ECC Memory | Y | Y | Y | Y | Y |
| 10/100 Copper | | | | | |
| 1 Gb Copper | 8 | 8 | 8 | 8 | 8 |
| 10 Gb Copper | 2 | | | 4 | |
| 10 Gb Fiber | | 2 | | | 4 |
| Management Port | 1 x GbE | 1 x GbE | 1 x GbE | 1 x GbE | 1 x GbE |
| **FEATURES** | | | | | |
| Form Factor | 1U | 1U | 2U | 2U | 2U |
| Dimensions (in) | 16.8x1.7x18 | 16.8x1.7x18 | 17.4x3.5x25.5 | 17.4x3.5x25.5 | 17.4x3.5x25.5 |
| Weight (lb) | 18 | 18 | 52 | 52 | 52 |
| Power Supply | 2 | 2 | 2 | 2 | 2 |
| AC Input (Amps) | 1 | 1 | 3.8 | 3.8 | 3.8 |
| Voltage | 100-240V 50-60 Hz | 100-240V 50-60 Hz | 100-240V 50-60 Hz | 100-240V 50-60 Hz | 100-240V 50-60 Hz |

Specifications subject to change without notice. [1]The SSL TPS numbers are based on a single handshake per transaction