
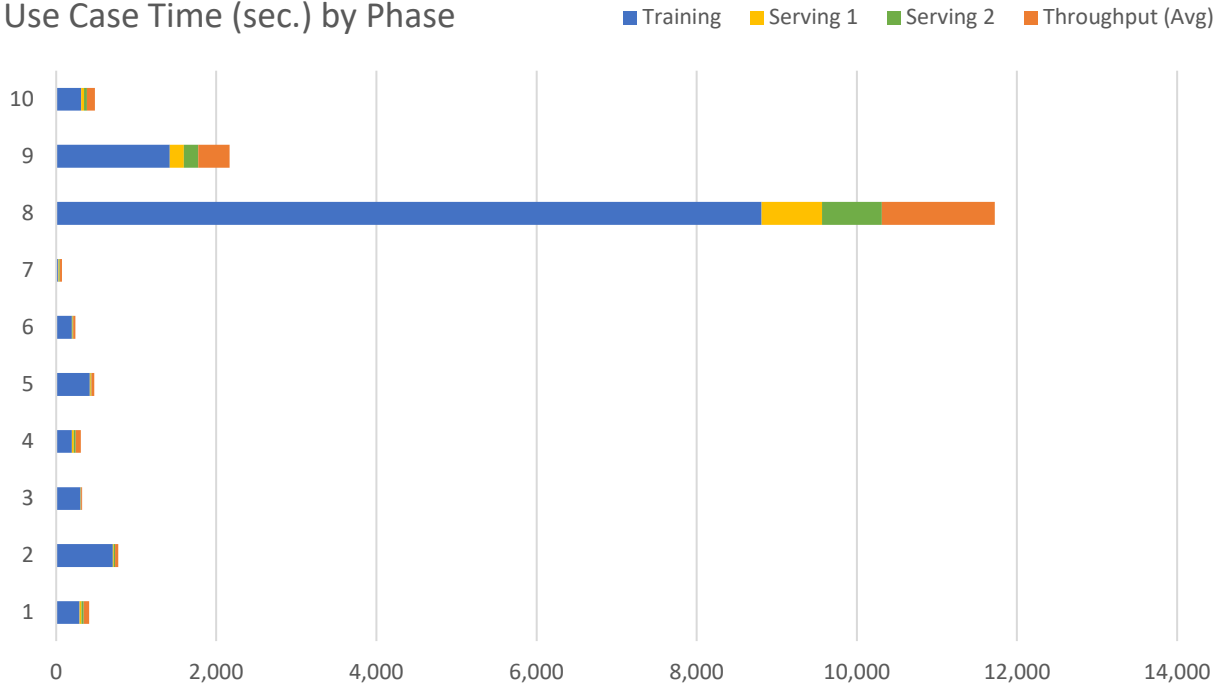




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|--|--|---|--|---|
|  | | <h1>PowerEdge R6625</h1> | | TPCx-AI 1.0.3.1 TPC Pricing 2.8.0 Report Date Sep. 25, 2023 |
| TPCx-AI Performance 915.67 AIUCpm@30 | Total System Cost \$44,248 USD | Price/Performance \$48.33 USD/AIUCpm@30 | Availability Date September 25, 2023 | |
| Framework Anaconda Pro | Operating System Red Hat Enterprise Linux 8.6 (Ootpa) | Other Software N/A | Scale Factor 30 | Streams 100 |
| <div style="display: flex; justify-content: space-between;"> <div> <h3>Use Case Time (sec.) by Phase</h3>  </div> <div> ■ Training ■ Serving 1 ■ Serving 2 ■ Throughput (Avg) </div> </div> | | | | |
| Physical Storage / Scale Factor 32.00 | | Scale Factor / Physical Memory 0.04 | | Main Data Redundancy Model RAID 1 |
| Servers: Total Processors/Cores/Threads | | 1 2 / 64 / 128 | | |
| Server Type Processors Memory Storage Controller Storage Device Network Controller | | 1x PowerEdge R6625 (Server) 2x AMD EPYC 9374F 32-Core Processor GHz 768 GiB 1x Dell BOSS-N1 2x 480 GB M.2 NVMe SSD 1x Broadcom NetXtreme BCM5720 Dual Port 1 GbE | | |

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|---|-------------|--|-----------------|-----|---|-------------------|
| Description | Part Number | Source | List Price | Qty | Extended Price | 1-Yr. Maintenance |
| Hardware | | | | | | |
| PowerEdge R6625 Server | 210-BFXO | | \$85,799.82 | 1 | \$85,799.82 | |
| 2.5 Chassis | 379-BDTF | | \$0.00 | 1 | | |
| SAS/SATA/NVMe Capable Backplane | 379-BDSW | | \$0.00 | 1 | | |
| No Rear Storage | 379-BDTE | | \$0.00 | 1 | | |
| No GPU Enablement | 379-BDSR | | \$0.00 | 1 | | |
| Trusted Platform Module 2.0 V3 | 461-AAIG | | \$0.00 | 1 | | |
| 2.5" Chassis with 8 Universal Drive Slots (SAS/SATA/NVME), Front PERC 11 | 321-BKGR | | \$0.00 | 1 | | |
| AMD EPYC 9374F 3.85GHz, 32C/64T, 256M Cache (320W) DDR5-4800 | 338-CGXD | | \$0.00 | 2 | | |
| Additional Processor Selected | 379-BDCO | | \$0.00 | 1 | | |
| Heatsink for 2 CPU configuration | 412-ABEE | | \$0.00 | 1 | | |
| Performance Optimized | 370-AHLL | | \$0.00 | 1 | | |
| 4800MT/s RDIMMs | 370-AHCL | | \$0.00 | 1 | | |
| 32GB RDIMM, 4800MT/s Dual Rank | 370-AGZP | | \$0.00 | 24 | | |
| Unconfigured RAID | 780-BCDS | | \$0.00 | 1 | | |
| PERC H755 SAS Front | 405-AAZB | | \$0.00 | 1 | | |
| Bracket for floating load on fPerc | 750-ADSN | | \$0.00 | 1 | | |
| Performance BIOS Settings | 384-BBBL | | \$0.00 | 1 | | |
| UEFI BIOS Boot Mode with GPT Partition | 800-BBDM | | \$0.00 | 1 | | |
| High Performance Fan x4 | 384-BDHO | | \$0.00 | 1 | | |
| Dual, Hot Plug, Power Supply, Redundant (1+1) 1400W (100-240Vac) | 450-AKWT | | \$0.00 | 1 | | |
| C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America | 492-BBDI | | \$0.00 | 2 | | |
| Riser Config 1, 1 x16 LP + 2 x16 LP | 330-BCCX | | \$0.00 | 1 | | |
| PowerEdge R6625 Motherboard | 329-BHQD | | \$0.00 | 1 | | |
| No OCP 3.0 mezzanine NIC card | 412-AASK | | \$0.00 | 1 | | |
| Broadcom 5720 Dual Port 1GbE Optional LOM | 540-BDKD | | \$0.00 | 1 | | |
| TRAY,W/LBLS,X8/X10,R6625 | 321-BIGJ | | \$0.00 | 1 | | |
| No Bezel | 350-BBBW | | \$0.00 | 1 | | |
| BOSS-N1 controller card + with 2 M.2 480GB (RAID 1) | 403-BCRU | | \$0.00 | 1 | | |
| BOSS Cables and Bracket for R660 | 470-AFMG | | \$0.00 | 1 | | |
| RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual Guest, Digitally Fulfilled | 528-CHFH | | \$0.00 | 1 | | |
| No Media Required | 605-BBFN | | \$0.00 | 1 | | |
| iDRAC9, Enterprise 16G | 528-CTIC | | \$0.00 | 1 | | |
| Secured Component Verification | 528-COYT | | \$0.00 | 1 | | |
| No Quick Sync | 350-BBXM | | \$0.00 | 1 | | |
| iDRAC,Factory Generated Password | 379-BCSF | | \$0.00 | 1 | | |
| iDRAC Group Manager, Disabled | 379-BCQY | | \$0.00 | 1 | | |
| No Rack Rails or Cable Management Arm or Strain Relief Bar | 770-BDMV | | \$0.00 | 1 | | |
| No Systems Documentation, No OpenManage DVD Kit | 631-AAAC | | \$0.00 | 1 | | |
| PowerEdge R6625 Shipping | 340-DDEC | | \$0.00 | 1 | | |
| PowerEdge R6625 Shipping Material 4 | 340-DDCC | | \$0.00 | 1 | | |
| PowerEdge R6625 CCC Marking, No CE Marking | 470-AFOR | | \$0.00 | 1 | | |
| Basic Next Business Day 36 Months | 709-BBFM | | \$249.00 | 1 | \$249.00 | \$249.00 |
| ProSupport with 4-Hour Onsite Service Initial, 36 Month(s) | 199-BONO | | \$10,312.95 | 1 | \$10,312.95 | \$10,312.95 |
| Dell Wireless Keyboard and Mouse - KM3322W | 580-AKCW | | \$29.99 | 1 | \$29.99 | |
| Dell 24 Monitor - S2421HN | 210-AXHJ | | \$158.49 | 1 | \$158.49 | |
| | | | Subtotal | | \$85,988.30 | \$10,561.95 |
| Software | | | | | | |
| Anaconda Pro Subscription - 1 year with Premium Support | | | 2 \$10,000.00 | 1 | \$10,000.00 | |
| RHEL, 1-2SKT, Physical Node, 1YR Premium Sub, 1 Virtual Guest, Digitally Fulfilled | 528-CHFJ | | \$1,299.00 | 1 | \$1,299.00 | |
| | | | Subtotal | | \$11,299.00 | \$0.00 |
| | | | Total | | \$97,287.30 | \$10,561.95 |
| Large Purchase Discount (65%)* | | | | | -\$56,736.75 | -\$6,865.27 |
| Pricing: 1 = Dell; 2 = Anaconda * Discount applies to all line items where Key = 1. Discount based upon total system cost as purchased by a regular customer. | | Total System Cost (USD): \$44,248 AIUCpm@30: 915.67 \$/AIUCpm@30: \$48.33 | | | | |
| Audited by Doug Johnson, InfoSizing | | | | | | |
| Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated Line Items. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed Line Items. For complete details, see the pricing section of the TPC Benchmark Standard. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org . Thank you. | | | | | | |

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|---|--------------------------|------------|-------------|---------------|
|  | <h1>PowerEdge R6625</h1> | | TPCx-AI | 1.0.3.1 |
| | | | TPC Pricing | 2.8.0 |
| | | | Report Date | Sep. 25, 2023 |
| <u>Numerical Quantities</u> | | | | |
| AIUCpm@30 | 915.67 | T_{Load} | 6.00 | |
| Scale Factor | 30 | T_{LD} | 6.00 | |
| Streams | 100 | T_{PTT} | 405.10 | |
| Kit Version | 1.0.3.1 | T_{PST1} | 25.97 | |
| Execution Status | Pass | T_{PST2} | 25.49 | |
| Accuracy Status | Pass | T_{PST} | 25.97 | |
| | | T_{TT} | 2.37 | |
| Test Times | | | | |
| Overall Run Start Time | 2023-09-19 18:01:31.811 | | | |
| Overall Run End Time | 2023-09-19 22:54:10.393 | | | |
| Overall Run Elapsed Time | 17,558.582 | | | |
| Load Test Start Time | 2023-09-19 18:04:57.960 | | | |
| Load Test End Time | 2023-09-19 18:05:03.978 | | | |
| Load Test Elapsed Time | 6.018 | | | |
| Power Training Start Time | 2023-09-19 18:05:03.982 | | | |
| Power Training End Time | 2023-09-19 21:36:36.730 | | | |
| Power Training Elapsed Time | 12,692.748 | | | |
| Power Serving 1 Start Time | 2023-09-19 21:36:36.731 | | | |
| Power Serving 1 End Time | 2023-09-19 21:54:22.046 | | | |
| Power Serving 1 Elapsed Time | 1,065.315 | | | |
| Power Serving 2 Start Time | 2023-09-19 21:54:22.047 | | | |
| Power Serving 2 End Time | 2023-09-19 22:11:55.026 | | | |
| Power Serving 2 Elapsed Time | 1,052.979 | | | |
| Scoring Start Time | 2023-09-19 22:12:44.463 | | | |
| Scoring End Time | 2023-09-19 22:14:39.006 | | | |
| Scoring Elapsed Time | 114.543 | | | |
| Throughput Start Time | 2023-09-19 22:14:39.023 | | | |
| Throughput End Time | 2023-09-19 22:54:10.388 | | | |
| Throughput Elapsed Time | 2,371.365 | | | |



PowerEdge R6625

TPCx-AI 1.0.3.1
 TPC Pricing 2.8.0
 Report Date Sep. 25, 2023

Numerical Quantities (continued)

Use Case Times & Accuracy

| Use Case | Training (sec) | Serving 1 (sec) | Serving 2 (sec) | Throughput (avg) | Accuracy |
|----------|----------------|-----------------|-----------------|------------------|----------|
| UC01 | 292.511 | 25.919 | 25.567 | 68.027 | 0.000 |
| UC02 | 709.451 | 12.429 | 12.517 | 41.502 | 0.348 |
| UC03 | 304.370 | 3.856 | 3.846 | 14.200 | 3.553 |
| UC04 | 198.782 | 22.923 | 23.070 | 65.745 | 0.706 |
| UC05 | 420.452 | 10.605 | 10.624 | 33.542 | 0.034 |
| UC06 | 195.827 | 9.750 | 8.257 | 26.908 | 0.486 |
| UC07 | 29.298 | 10.001 | 9.901 | 25.041 | 1.007 |
| UC08 | 8,809.189 | 756.114 | 745.901 | 1,410.452 | 0.754 |
| UC09 | 1,418.235 | 178.458 | 177.832 | 391.793 | 1.000 |
| UC10 | 314.530 | 35.170 | 35.362 | 99.433 | 0.817 |

Use Case Serving Times (sec.)

