Lenovo

# TPC Express Benchmark™ AI
# Full Disclosure Report

# ThinkSystem SR655 V3

with 1x ThinkSystem SR655V3
using

## Anaconda Business

running on

## Red Hat Enterprise Linux 8.10 (Ootpa)

| | |
|---|---|
| TPCx-AI Version | 2.0.0 |
| Report Edition | First |
| Report Submitted | January 29, 2026 |

***First Edition - January 2026***

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# Abstract

Lenovo conducted the TPC Express Benchmark™ AI (TPCx-AI) on the ThinkSystem SR655 V3. The software used included Anaconda Business. This report provides full disclosure of the results. All testing was conducted in conformance with the requirements of the TPCx-AI Standard Specification, Revision 2.0.0.

***Configuration Overview***

| Test Sponsor | Node(s) | Operating System |
|---|---|---|
| Lenovo | 1x ThinkSystem SR655V3 (Server) | Red Hat Enterprise Linux 8.10 (Ootpa) |

***Metrics Overview***

| Total System Cost | Performance | Price/Performance | Availability Date |
|---|---|---|---|
| $120,776 USD | 893.92 AIUCpm@3 | 135.11 USD $/AIUCpm@3 | January 29, 2026 |

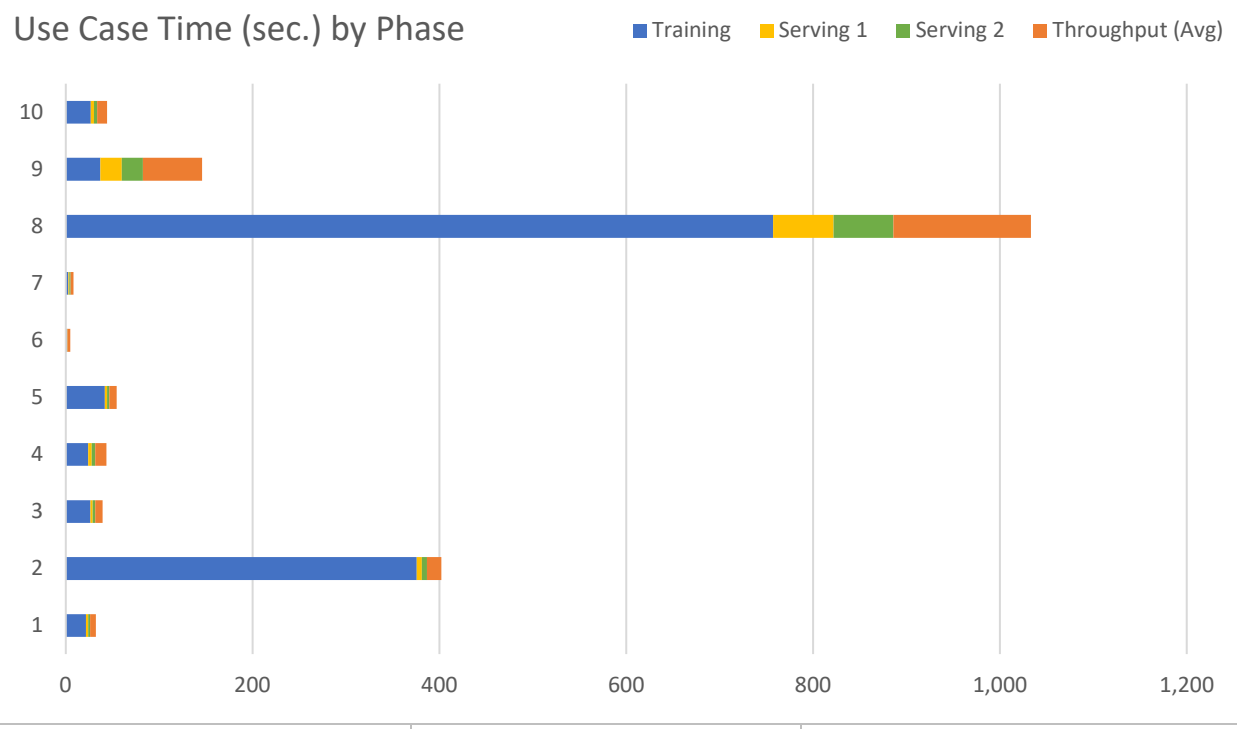
# Executive Summary

The Executive Summary follows on the next several pages.

| Lenovo | ThinkSystem SR655 V3 | TPCx-AI 2.0.0<br>TPC Pricing 2.9.0<br>Report Date Jan. 29, 2026 |
|---|---|---|

| TPCx-AI Performance | Total System Cost | Price/Performance | Availability Date |
|---|---|---|---|
| **893.92 AIUCpm@3** | **$120,776 USD** | **$135.11 USD/AIUCpm@3** | **January 29, 2026** |

| Framework | Operating System | Other Software | Scale Factor | Streams |
|---|---|---|---|---|
| Anaconda Business | Red Hat Enterprise Linux 8.10 (Ootpa) | N/A | 3 | 100 |




| Physical Storage / Scale Factor | Scale Factor / Physical Memory | Main Data Redundancy Model |
|---|---|---|
| 640.00 | 0.01 | RAID1 |

| | |
|---|---|
| Servers:<br>Total Processors/Cores/Threads | 1<br>1 / 64 / 128 |

| | |
|---|---|
| Server Type | 1x ThinkSystem SR655V3 (Server) |
| Processors | 1x AMD EPYC 9575F 64-Core Processor |
| Memory | 384 GiB |
| Storage Controller | 1x M.2 NVMe 2-Bay RAID Adapter |
| Storage Device | 2x M.2 VA 960GB Read Intensive NVMe SSD |
| Network Controller | 1x Broadcom 5719 1GbE RJ45 4-port Adapter |

# ThinkSystem SR655 V3

| | |
|---|---|
| TPCx-AI | 2.0.0 |
| TPC Pricing | 2.9.0 |
| Report Date | Jan. 29, 2026 |

| Description | Part Number | Source | List Price | Qty | Extended Price | 1-Yr. Maintenance |
|---|---|---|---|---|---|---|
| **Server Hardware** | | | | | | |
| ThinkSystem SR655 V3 Configure-To-Order, includes: | 7D9ECTO1WW | 1 | $52,675.00 | 1 | $52,675.00 | |
| ThinkSystem V3 2U 24x2.5" Chassis | BLKK | | | 1 | | |
| AMD EPYC 9575F 64C 400W 3.3GHz Processor | C4H8 | | | 1 | | |
| ThinkSystem SR655 V3 2U High Performance Heatsink | BQF9 | | | 1 | | |
| ThinkSystem 32GB TruDDR5 6400MHz (1Rx4) RDIMM-A | C1PL | | | 12 | | |
| ThinkSystem M.2 NVMe 2-Bay RAID Adapter | B8P9 | | | 1 | | |
| ThinkSystem M.2 VA 960GB Read Intensive NVMe PCIe 4.0 x4 NHS SSD | CBT0 | | | 2 | | |
| ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter | B5T1 | | | 1 | | |
| ThinkSystem 1800W 230V Platinum Hot-Swap Gen2 Power Supply v2 | BMUF | | | 2 | | |
| 2.8m, 13A/100-250V, C13 to C14 Jumper Cord | 6400 | | | 2 | | |
| ThinkSystem 2U V3 Performance Fan Module | BLL6 | | | 6 | | |
| ThinkSystem Toolless Slide Rail Kit v2 | B8LA | | | 1 | | |
| ThinkSystem 2U V3 EIA Latch Standard | BQQ2 | | | 1 | | |
| ThinkSystem SR655 V3 MB w/IO+PIB+FB,2U | C2AC | | | 1 | | |
| ThinkSystem 8x1 2.5" HDD Filler | AVEQ | | | 3 | | |
| MS 2FH Riser Filler | BC4X | | | 1 | | |
| ThinkSystem 2U V3 EIA right with FIO | BQQ6 | | | 1 | | |
| ThinkSystem SR655 V3 Main Airduct | BQ81 | | | 1 | | |
| ThinkSystem SR635 V3/SR655 V3 Root of Trust Module Low Voltage-RoW V2 | C1PT | | | 1 | | |
| ThinkSystem MS 2U common Airduct Filler | BQ31 | | | 1 | | |
| ThinkSystem 2U MS 3FH Riser Filler | B8MM | | | 2 | | |
| Red Hat Linux w/Lenovo Support | 7S0FCTO1WW | | | 1 | | |
| RHEL Server Physical or Virtual Node, 2 Skt Standard Subscription w/Lenovo Support 1Yr | S0N5 | | | 1 | | |
| 3Yr Premier 24x7 4Hr Resp SR655 V3 | 5WS7C00976 | 1 | $1,997.00 | 1 | | $1,997.00 |
| | | | | **Subtotal** | $52,675.00 | $1,997.00 |
| **Server Software** | | | | | | |
| Anaconda Business Subscription (1 year) | | 2 | $60,000.00 | 1 | $60,000.00 | |
| Anaconda Business Premium Support, including 24x7 support | | 2 | $30,000.00 | 1 | | $30,000.00 |
| | | | | **Subtotal** | $60,000.00 | $30,000.00 |
| **Infrastructure** | | | | | | |
| ThinkSystem Pref. Pro II USB Keyboard - US English (2 spares) | 7ZB7A05522 | 1 | $79.00 | 3 | $237.00 | |
| ThinkSystem Optical Wheel Mouse - USB (2 spares) | 7M57A04698 | 1 | $109.00 | 3 | $327.00 | |
| Lenovo L22i-40 21.5-inch IPS FHD Monitor (2 spares) | 67AEKCCBUS | 1 | $95.00 | 3 | $285.00 | |
| | | | | **Subtotal** | $849.00 | $0.00 |
| | | | | **Total** | $113,524.00 | $31,997.00 |
| Dollar Volume Discount (See Note 1) | 44.57% | 1 | | | $24,745.00 | |

Pricing: 1 = Lenovo; 2 = Anaconda

* Discount applies to all line items where Source = 1. Discount based upon total system cost as purchased by a regular customer.

**Audited by Doug Johnson, InfoSizing**

| | |
|---|---|
| **Total System Cost (USD):** | **$120,776** |
| **AIUCpm@3:** | **893.92** |
| **$/AIUCpm@3:** | **$135.11** |

*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.*

| Lenovo | ThinkSystem SR655 V3 | TPCx-AI | 2.0.0 |
|---|---|---|---|
| | | TPC Pricing | 2.9.0 |
| | | Report Date | Jan. 29, 2026 |

*Numerical Quantities*

| | | | |
|---|---|---|---|
| **AIUCpm@3** | **893.92** | $T_{Load}$ | 0.50 |
| Scale Factor | 3 | $T_{LD}$ | 0.50 |
| Streams | 100 | $T_{PTT}$ | 29.33 |
| | | $T_{PST1}$ | 3.83 |
| Kit Version | 2.0.0 | $T_{PST2}$ | 3.85 |
| Execution Status | Pass | $T_{PST}$ | 3.85 |
| Accuracy Status | Pass | $T_{TT}$ | 0.29 |

Test Times

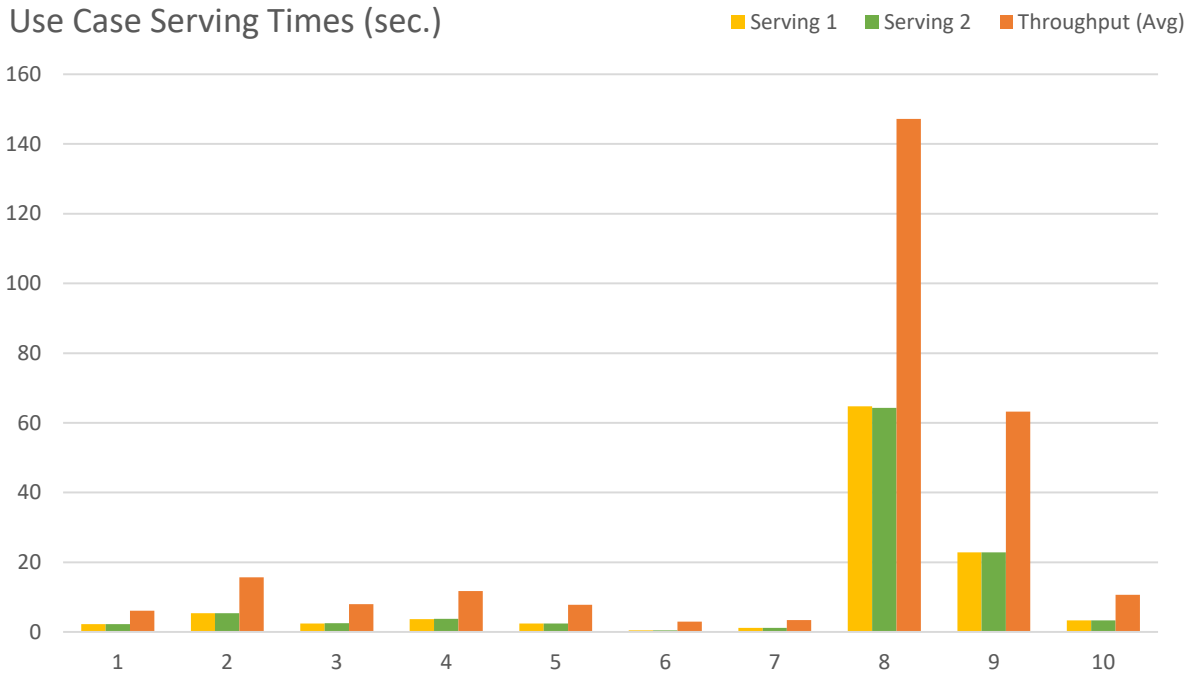
| | |
|---|---|
| Overall Run Start Time | 2026-01-15 19:18:04.839 |
| Overall Run End Time | 2026-01-15 19:51:49.712 |
| Overall Run Elapsed Time | 2,024.873 |
| | |
| Load Test Start Time | 2026-01-15 19:19:26.062 |
| Load Test End Time | 2026-01-15 19:19:26.574 |
| Load Test Elapsed Time | 0.512 |
| | |
| Power Training Start Time | 2026-01-15 19:19:26.575 |
| Power Training End Time | 2026-01-15 19:41:21.674 |
| Power Training Elapsed Time | 1,315.099 |
| | |
| Power Serving 1 Start Time | 2026-01-15 19:41:21.676 |
| Power Serving 1 End Time | 2026-01-15 19:43:10.300 |
| Power Serving 1 Elapsed Time | 108.624 |
| | |
| Power Serving 2 Start Time | 2026-01-15 19:43:10.302 |
| Power Serving 2 End Time | 2026-01-15 19:44:58.702 |
| Power Serving 2 Elapsed Time | 108.400 |
| | |
| Scoring Start Time | 2026-01-15 19:45:34.333 |
| Scoring End Time | 2026-01-15 19:46:56.190 |
| Scoring Elapsed Time | 81.857 |
| | |
| Throughput Start Time | 2026-01-15 19:46:56.203 |
| Throughput End Time | 2026-01-15 19:51:49.709 |
| Throughput Elapsed Time | 293.506 |

| Lenovo | ThinkSystem SR655 V3 | TPCx-AI | 2.0.0 |
|---|---|---|---|
| | | TPC Pricing | 2.9.0 |
| | | Report Date | Jan. 29, 2026 |

*Numerical Quantities (continued)*

Use Case Times & Accuracy

| Use Case | Training (sec) | Serving 1 (sec) | Serving 2 (sec) | Throughput (avg) | Accuracy |
|---|---|---|---|---|---|
| UC01 | 21.693 | 2.224 | 2.205 | 6.072 | 0.000 |
| UC02 | 375.870 | 5.344 | 5.394 | 15.654 | 0.465 |
| UC03 | 26.504 | 2.461 | 2.504 | 7.979 | 3.507 |
| UC04 | 24.221 | 3.697 | 3.778 | 11.734 | 0.700 |
| UC05 | 41.806 | 2.402 | 2.384 | 7.805 | 0.451 |
| UC06 | 1.009 | 0.476 | 0.480 | 2.998 | 0.492 |
| UC07 | 2.824 | 1.126 | 1.138 | 3.377 | 0.955 |
| UC08 | 757.113 | 64.705 | 64.324 | 147.212 | 0.751 |
| UC09 | 37.113 | 22.794 | 22.811 | 63.233 | 1.000 |
| UC10 | 26.891 | 3.337 | 3.325 | 10.661 | 0.816 |



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# Clause 0 – Preamble

## 0.1 TPC Express Benchmark™ AI Overview

Artificial intelligence (AI) has become a key transformational technology of our times. Advances in neural networks and other machine learning techniques have made it possible to use AI on a variety of use cases. From the public sector to aerospace, defense and academia, new and improved ways to use AI techniques are changing the way we harness data and analytics. This along with advances in compute, interconnect and memory technologies have made possible to solve complicated challenges that will ultimately benefit customers in production datacenter and cloud environments.

Abundant volumes of rich data from text, images, audio and video are the essential starting point for creating a benchmark that would represent the myriad of use cases and customers. TPC Express Benchmark™ AI (TPCx-AI) is created in keeping with the TPC tradition of emulating real world AI scenarios and data science use cases. Unlike most other AI benchmarks, the TPCx-AI uses a diverse dataset and is able to scale across a wide range of scale factors. TPCx-AI may later expand with additional use cases and add additional flexibility for a greater variety of implementations.

The benchmark defines and provides a means to evaluate the System Under Test (SUT) performance as a general-purpose data science system that:

- Generates and processes large volumes of data.
- Trains preprocessed data to produce realistic machine learning models.
- Conducts accurate insights for real-world customer scenarios based on the generated models.
- Can scale to large scale distributed configurations.
- Allows for flexibility in configuration changes to meet the demands of the dynamic AI landscape.

The benchmark models real-life examples of companies and public-sector organizations that use a range of analytics techniques, both AI and more traditional machine learning approaches, as well as the potential application of these techniques in situations like those in which they have already been successfully deployed. In addition, the benchmark measures end to end time to provide insights for individual use cases, as well as throughput metrics to simulate multiuser environments for a given hardware, operating system, and data processing system configuration under a controlled, complex, multi-user AI or machine learning data science workload.

The purpose of TPC benchmarks is to provide relevant, objective performance data to industry users. To achieve that purpose, TPC benchmark specifications require benchmark runs be implemented with systems, products, technologies and pricing that:

- Are generally available to users.
- Are relevant to the market segment that the individual TPC benchmark models or represents (e.g., TPCx-AI models and represents complex, high data volume, decision support environments).
- Would plausibly be implemented.

The TPCx-AI kit is available from the TPC website (see www.tpc.org/tpcx-ai/ for more information). Users must sign up and agree to the TPCx-AI End User Licensing Agreement (EULA) to download the kit. All related work (such as collaterals, papers, derivatives) must acknowledge the TPC and include the TPCx-AI copyright. The TPCx-AI kit includes: TPCx-AI Specification document (this document), TPCx-AI Users Guide (README.md) documentation, scripts to set up the benchmark environment, code to execute the benchmark workload, Data Generator, use case related files, and Benchmark Driver.

The use of new systems, products, technologies (hardware or software) and pricing is encouraged so long as they meet the requirements above. Specifically prohibited are benchmark systems, products, technologies or pricing (hereafter referred to as "implementations") whose primary purpose is performance optimization of TPC benchmark results without any corresponding applicability to real-world applications and environments. In other words, all "benchmark special" implementations that improve benchmark results but not real-world performance or pricing, are prohibited.

The rules for pricing are included in the TPC Pricing Specification.

Further information is available at www.tpc.org.

# Clause 1 – General Items

## 1.1 Test Sponsor

This benchmark was sponsored by Lenovo.

## 1.2 Parameter Settings

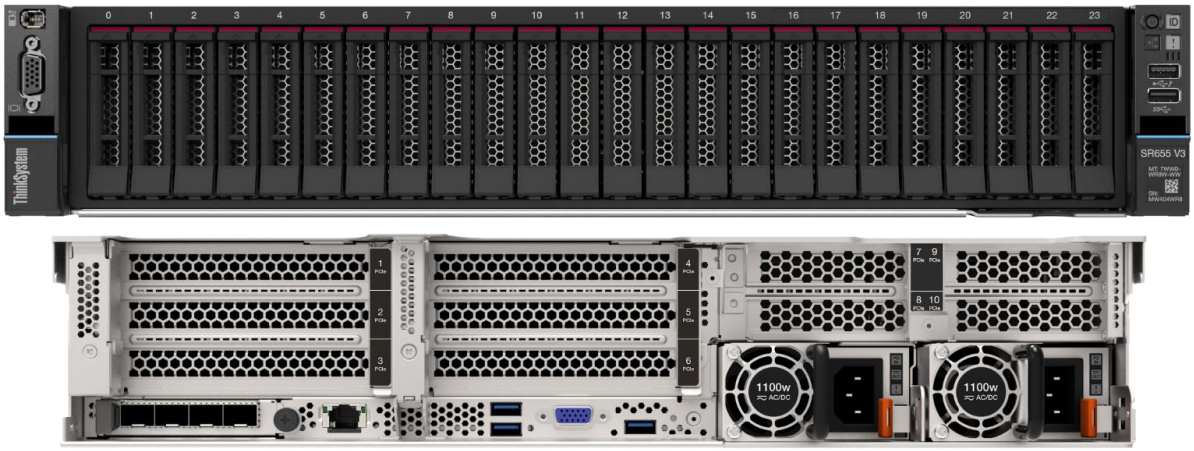
The Supporting Files Archive contains the parameters and options used to configure the components involved in this benchmark.

## 1.3 Configuration Diagrams

The measured configuration diagram is shown below. In addition, any differences between the measured and the priced configurations are described.

### 1.3.1 Measured Configuration

| | | | |
|---|---|---|---|
| Nodes: | 1 | | |
| Processors/Cores/Threads: | 1/64/128 | Storage Devices: | 2 |
| Total Memory: | 384 GiB | Storage Capacity: | 1,920 GB |




| | Server |
|---|---|
| Server | 1x ThinkSystem SR655V3: |
| Procs/Cores/Threads: | 1/64/128 |
| Processor Model: | 1x AMD EPYC 9575F 64-Core Processor |
| Memory: | 384 GiB |
| Storage Controller: | 1x M.2 NVMe 2-Bay RAID Adapter |
| Storage Devices: | 2x M.2 VA 960GB Read Intensive NVMe SSD |
| Network Controller: | 1x Broadcom 5719 1GbE RJ45 4-port Adapter |

The distribution of software components over server nodes is detailed in Clause 2.

### 1.3.2 Differences Between the Measured and the Priced Configurations

There are no differences between the measured configuration and the priced configuration.

# Clause 2 – SW Components & Data Distribution

## 2.1 Roles and Dataset Distribution

Table 2-1 describes the distribution of the dataset across all media in the SUT.

| Server | Host Name | SW Services | Storage | Contents |
|---|---|---|---|---|
| 1x ThinkSystem SR655V3 | SR655V3 | All | 2x M.2 VA 960GB Read Intensive NVMe SSD | OS, Data |

*Table 2-1 Software Components and Dataset Distribution*

## 2.2 File System Implementation

A local file system provided by Red Hat Enterprise Linux 8.10 (Ootpa) / Anaconda Business was used for data generation and the Load Test. The data set was not relocated after generation and before the Load Test.

## 2.3 Execution Engine, Frameworks, Driver & Libraries

Anaconda Business consisted of the following components.

| Component | Version |
|---|---|
| python | 3.9.18 |
| setuptools | 59.8.0 |
| pandas | 1.5.3 |
| scikit-learn | 1.2.2 |
| xgboost | 1.7.4 |
| numpy | 1.23.5 |
| nose | 1.3.7 |
| scipy | 1.10.1 |
| statsmodels | 0.13.5 |
| patsy | 0.5.3 |
| tqdm | 4.65.2 |
| keras | 2.11.0 |
| tensorflow | 2.11.0 |
| joblib | 1.2.0 |
| pyyaml | 6.0.2 |
| matplotlib | 3.7.1 |
| jinja2 | 3.1.2 |
| pycryptodome | 3.16.0 |
| scikit-surprise | 1.1.3 |
| librosa | 0.8.1 |
| imbalanced-learn | 0.10.1 |
| tensorflow-addons | 0.19.0 |

*Table 2-2 Software Components*

For a detailed listing of installed libraries, please see the envInfo logs in the Supporting Files.

## 2.4 Applied Patches

No additional vendor-supported patches were applied to the SUT.

# Clause 3 – Workload Related Items

## 3.1 Hardware & Software Tuning

The Supporting Files archive contains all hardware and software configuration scripts.

## 3.2 Kit Version & Modifications

Table 3-1 shows the version of the TPCx-AI used to produce this result along with any kit flies that were modified to facilitate system, platform, and framework differences.

| | |
|---|---|
| TPCx-AI Kit Version | 2.0.0 |
| Modified File | Description of Changes |
| tools/python/dataRedundancyInformation.sh | Added platform-specific data collection. |

*Table 3-1 Kit Version & Modifications*

## 3.3 Use Case Elapsed Times

Below are the elapsed times for each use case. Use cases are grouped based on whether they use Deep Learning or Machine Learning techniques.

| Type | UC ID | P1 | P2 | T1 | T2 | T3 | T4 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 5.344 | 5.394 | 17.685 | 11.907 | 15.550 | 14.258 |
| | 5 | 2.402 | 2.384 | 10.292 | 8.701 | 7.970 | 8.243 |
| | 9 | 22.794 | 22.811 | 67.839 | 68.710 | 71.662 | 61.622 |
| Machine Learning | 1 | 2.224 | 2.205 | 5.614 | 6.511 | 4.602 | 7.253 |
| | 3 | 2.461 | 2.504 | 9.104 | 7.685 | 3.754 | 8.671 |
| | 4 | 3.697 | 3.778 | 10.845 | 14.560 | 11.834 | 13.179 |
| | 6 | 0.476 | 0.480 | 3.101 | 2.971 | 2.707 | 3.223 |
| | 7 | 1.126 | 1.138 | 3.037 | 3.024 | 2.930 | 3.140 |
| | 8 | 64.705 | 64.324 | 141.642 | 139.219 | 153.850 | 151.696 |
| | 10 | 3.337 | 3.325 | 11.752 | 9.770 | 9.940 | 9.839 |

| Type | UC ID | T5 | T6 | T7 | T8 | T9 | T10 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 12.730 | 20.800 | 12.748 | 15.199 | 16.186 | 16.624 |
| | 5 | 5.946 | 9.005 | 5.302 | 11.167 | 11.793 | 10.270 |
| | 9 | 70.507 | 57.538 | 55.867 | 56.793 | 58.232 | 59.335 |
| Machine Learning | 1 | 6.332 | 4.903 | 6.390 | 5.134 | 5.871 | 4.757 |
| | 3 | 12.915 | 6.810 | 9.511 | 9.712 | 8.760 | 10.262 |
| | 4 | 10.307 | 9.846 | 14.634 | 10.109 | 11.742 | 10.576 |
| | 6 | 3.303 | 3.405 | 3.060 | 3.038 | 3.217 | 3.426 |
| | 7 | 4.251 | 4.718 | 4.046 | 2.842 | 4.621 | 2.004 |
| | 8 | 145.384 | 144.790 | 146.922 | 142.938 | 144.074 | 151.537 |
| | 10 | 10.943 | 12.052 | 8.335 | 13.610 | 14.251 | 10.371 |

| Type | UC ID | T11 | T12 | T13 | T14 | T15 | T16 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 12.652 | 17.863 | 13.883 | 13.345 | 18.703 | 19.013 |
| | 5 | 9.252 | 5.820 | 8.348 | 10.181 | 5.186 | 7.874 |
| | 9 | 66.163 | 57.353 | 70.698 | 65.825 | 55.991 | 62.642 |
| Machine Learning | 1 | 6.495 | 8.103 | 6.261 | 4.699 | 7.081 | 5.898 |
| | 3 | 6.918 | 3.670 | 9.886 | 6.541 | 9.730 | 11.162 |
| | 4 | 11.597 | 13.853 | 13.814 | 11.883 | 10.200 | 14.283 |
| | 6 | 2.991 | 3.845 | 1.077 | 2.939 | 2.752 | 3.335 |
| | 7 | 3.138 | 3.948 | 3.716 | 3.056 | 3.158 | 4.420 |
| | 8 | 148.597 | 156.606 | 145.095 | 150.343 | 136.289 | 138.295 |
| | 10 | 9.143 | 14.745 | 11.999 | 10.956 | 11.165 | 12.100 |

| Type | UC ID | T17 | T18 | T19 | T20 | T21 | T22 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 12.674 | 13.924 | 13.392 | 14.743 | 17.379 | 15.384 |
| | 5 | 6.190 | 6.389 | 9.329 | 3.028 | 8.273 | 8.540 |
| | 9 | 51.943 | 59.031 | 60.108 | 72.345 | 71.052 | 71.769 |
| Machine Learning | 1 | 6.152 | 6.576 | 6.543 | 6.136 | 2.974 | 5.638 |
| | 3 | 10.428 | 9.164 | 7.592 | 10.434 | 5.115 | 6.911 |
| | 4 | 15.235 | 12.520 | 10.281 | 6.959 | 13.922 | 8.986 |
| | 6 | 3.583 | 3.241 | 3.861 | 2.905 | 2.989 | 3.103 |
| | 7 | 4.856 | 2.461 | 3.838 | 4.796 | 3.608 | 2.944 |
| | 8 | 155.660 | 128.300 | 135.352 | 154.719 | 147.034 | 147.918 |
| | 10 | 9.274 | 13.072 | 9.683 | 11.846 | 13.031 | 11.191 |

| Type | UC ID | T23 | T24 | T25 | T26 | T27 | T28 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 16.142 | 18.361 | 14.013 | 14.443 | 13.745 | 13.234 |
| | 5 | 7.359 | 7.695 | 8.291 | 9.677 | 4.977 | 7.300 |
| | 9 | 55.840 | 71.892 | 59.648 | 59.091 | 72.926 | 66.365 |
| Machine Learning | 1 | 7.546 | 5.551 | 6.795 | 5.523 | 6.655 | 5.008 |
| | 3 | 7.276 | 8.241 | 6.786 | 4.815 | 7.078 | 8.856 |
| | 4 | 12.970 | 10.061 | 9.642 | 10.503 | 12.961 | 8.797 |
| | 6 | 3.666 | 2.118 | 3.120 | 3.030 | 3.142 | 2.804 |
| | 7 | 3.388 | 3.550 | 2.971 | 3.430 | 3.707 | 2.827 |
| | 8 | 153.343 | 148.424 | 150.970 | 131.565 | 148.617 | 142.551 |
| | 10 | 11.644 | 7.544 | 13.642 | 9.434 | 10.890 | 8.972 |

| Type | UC ID | T29 | T30 | T31 | T32 | T33 | T34 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 15.630 | 17.529 | 6.923 | 15.157 | 13.696 | 17.923 |
| | 5 | 10.305 | 8.240 | 5.901 | 9.483 | 8.123 | 6.565 |
| | 9 | 70.663 | 70.494 | 72.027 | 62.825 | 66.835 | 64.787 |
| Machine Learning | 1 | 5.482 | 6.153 | 5.894 | 5.456 | 7.764 | 6.414 |
| | 3 | 3.770 | 10.596 | 12.043 | 6.574 | 6.328 | 8.144 |
| | 4 | 12.407 | 6.082 | 13.160 | 13.988 | 12.354 | 11.008 |
| | 6 | 1.948 | 2.444 | 3.463 | 2.966 | 2.488 | 2.949 |
| | 7 | 4.795 | 3.393 | 3.906 | 3.338 | 3.228 | 3.886 |
| | 8 | 151.156 | 149.959 | 154.381 | 141.286 | 135.293 | 145.490 |
| | 10 | 9.521 | 10.340 | 11.588 | 12.182 | 9.317 | 8.290 |

| Type | UC ID | T35 | T36 | T37 | T38 | T39 | T40 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 16.793 | 12.019 | 21.145 | 16.514 | 11.548 | 13.264 |
| | 5 | 5.251 | 7.290 | 8.341 | 7.023 | 9.105 | 5.517 |
| | 9 | 64.518 | 57.279 | 67.714 | 63.970 | 70.027 | 69.583 |
| Machine Learning | 1 | 4.975 | 7.187 | 6.118 | 5.227 | 6.296 | 6.764 |
| | 3 | 8.219 | 6.863 | 7.659 | 6.380 | 8.774 | 6.804 |
| | 4 | 12.785 | 11.158 | 13.426 | 12.523 | 12.907 | 10.205 |
| | 6 | 3.062 | 3.093 | 1.302 | 2.871 | 3.039 | 3.164 |
| | 7 | 3.386 | 4.937 | 3.335 | 3.388 | 3.523 | 2.322 |
| | 8 | 148.953 | 150.246 | 146.943 | 149.272 | 149.807 | 147.470 |
| | 10 | 9.742 | 11.957 | 8.407 | 8.855 | 8.819 | 8.369 |

| Type | UC ID | T41 | T42 | T43 | T44 | T45 | T46 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 16.375 | 16.430 | 15.303 | 17.666 | 17.974 | 20.696 |
| | 5 | 9.949 | 8.291 | 6.002 | 8.064 | 10.386 | 10.624 |
| | 9 | 53.808 | 54.284 | 59.568 | 55.509 | 65.493 | 49.962 |
| Machine Learning | 1 | 8.604 | 5.583 | 6.843 | 5.393 | 5.378 | 7.034 |
| | 3 | 6.691 | 7.149 | 7.990 | 6.675 | 12.328 | 9.462 |
| | 4 | 12.457 | 15.009 | 13.408 | 11.592 | 14.155 | 12.926 |
| | 6 | 2.554 | 3.654 | 3.201 | 3.452 | 2.987 | 3.182 |
| | 7 | 2.850 | 2.749 | 3.865 | 2.828 | 3.777 | 3.071 |
| | 8 | 141.941 | 154.369 | 154.352 | 139.024 | 147.077 | 143.197 |
| | 10 | 13.191 | 12.972 | 11.736 | 12.755 | 5.960 | 10.954 |

| Type | UC ID | T47 | T48 | T49 | T50 | T51 | T52 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 14.852 | 16.107 | 13.355 | 12.858 | 16.122 | 19.438 |
| | 5 | 6.890 | 11.181 | 7.419 | 5.961 | 8.426 | 5.536 |
| | 9 | 61.337 | 63.230 | 67.011 | 65.233 | 63.284 | 57.534 |
| Machine Learning | 1 | 6.323 | 6.813 | 5.544 | 9.046 | 8.001 | 5.245 |
| | 3 | 5.578 | 10.294 | 7.562 | 6.781 | 7.716 | 5.836 |
| | 4 | 15.292 | 13.297 | 10.037 | 10.170 | 12.385 | 14.259 |
| | 6 | 2.638 | 3.120 | 2.575 | 2.504 | 4.051 | 3.565 |
| | 7 | 3.771 | 4.603 | 2.546 | 2.051 | 3.885 | 3.480 |
| | 8 | 155.890 | 135.294 | 153.335 | 146.270 | 135.377 | 154.969 |
| | 10 | 11.341 | 13.462 | 9.295 | 8.359 | 13.142 | 8.590 |

| Type | UC ID | T53 | T54 | T55 | T56 | T57 | T58 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 17.933 | 19.046 | 18.210 | 13.709 | 12.810 | 18.605 |
| | 5 | 9.557 | 7.035 | 6.107 | 5.782 | 6.650 | 8.347 |
| | 9 | 60.107 | 62.361 | 55.565 | 67.244 | 67.882 | 60.017 |
| Machine Learning | 1 | 4.793 | 9.013 | 4.664 | 6.866 | 4.554 | 5.713 |
| | 3 | 7.618 | 8.255 | 6.590 | 10.246 | 6.935 | 8.394 |
| | 4 | 14.039 | 9.957 | 8.308 | 9.659 | 13.036 | 11.530 |
| | 6 | 2.949 | 3.304 | 3.218 | 2.769 | 2.606 | 2.936 |
| | 7 | 2.256 | 3.643 | 2.943 | 3.043 | 2.786 | 3.113 |
| | 8 | 151.850 | 135.694 | 144.155 | 158.770 | 142.599 | 150.996 |
| | 10 | 11.424 | 9.765 | 10.523 | 6.844 | 13.392 | 9.841 |

| Type | UC ID | T59 | T60 | T61 | T62 | T63 | T64 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 14.855 | 15.821 | 8.439 | 16.609 | 17.935 | 12.548 |
| | 5 | 7.279 | 6.002 | 6.952 | 8.466 | 8.259 | 6.404 |
| | 9 | 64.119 | 60.421 | 62.202 | 58.853 | 64.347 | 63.675 |
| Machine Learning | 1 | 5.309 | 5.328 | 6.224 | 5.485 | 7.148 | 5.054 |
| | 3 | 5.881 | 7.240 | 8.557 | 8.980 | 7.962 | 6.701 |
| | 4 | 15.212 | 15.102 | 15.199 | 12.734 | 6.677 | 10.411 |
| | 6 | 3.839 | 2.842 | 3.351 | 2.866 | 1.673 | 3.223 |
| | 7 | 3.330 | 3.160 | 4.013 | 2.795 | 5.026 | 2.993 |
| | 8 | 143.957 | 153.627 | 158.127 | 147.613 | 155.997 | 148.997 |
| | 10 | 11.252 | 10.885 | 13.198 | 8.531 | 11.430 | 9.005 |

| Type | UC ID | T65 | T66 | T67 | T68 | T69 | T70 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 11.571 | 19.433 | 14.775 | 20.345 | 20.028 | 15.261 |
| | 5 | 10.026 | 6.460 | 8.386 | 9.542 | 6.122 | 7.487 |
| | 9 | 66.648 | 64.732 | 69.017 | 59.212 | 57.743 | 54.341 |
| Machine Learning | 1 | 5.386 | 6.576 | 8.322 | 5.570 | 6.541 | 4.696 |
| | 3 | 7.249 | 6.905 | 10.415 | 11.980 | 6.703 | 7.692 |
| | 4 | 9.280 | 11.712 | 12.278 | 10.587 | 10.694 | 11.969 |
| | 6 | 2.996 | 3.200 | 3.904 | 1.383 | 2.945 | 2.685 |
| | 7 | 4.380 | 3.118 | 3.164 | 2.735 | 3.542 | 3.989 |
| | 8 | 138.196 | 143.961 | 132.204 | 151.539 | 150.792 | 159.318 |
| | 10 | 8.525 | 8.079 | 10.176 | 9.683 | 12.377 | 11.280 |

| Type | UC ID | T71 | T72 | T73 | T74 | T75 | T76 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 14.868 | 12.165 | 19.425 | 17.287 | 18.388 | 16.012 |
| | 5 | 7.105 | 7.419 | 7.748 | 9.820 | 6.725 | 6.875 |
| | 9 | 60.607 | 67.900 | 62.766 | 64.896 | 59.616 | 64.632 |
| Machine Learning | 1 | 7.187 | 6.607 | 6.389 | 5.234 | 5.005 | 5.881 |
| | 3 | 8.374 | 8.549 | 8.060 | 6.933 | 8.574 | 11.873 |
| | 4 | 11.505 | 13.940 | 9.504 | 10.563 | 8.964 | 12.640 |
| | 6 | 3.375 | 3.075 | 3.314 | 2.788 | 3.013 | 3.252 |
| | 7 | 3.286 | 3.234 | 2.611 | 3.488 | 2.357 | 2.964 |
| | 8 | 149.963 | 150.806 | 151.091 | 148.763 | 145.420 | 141.941 |
| | 10 | 11.805 | 8.823 | 9.963 | 8.970 | 7.503 | 10.689 |

| Type | UC ID | T77 | T78 | T79 | T80 | T81 | T82 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 16.356 | 15.571 | 15.541 | 10.258 | 15.537 | 18.640 |
| | 5 | 9.855 | 7.924 | 5.671 | 8.873 | 9.820 | 7.063 |
| | 9 | 61.651 | 72.764 | 71.236 | 56.925 | 56.629 | 61.233 |
| Machine Learning | 1 | 6.255 | 2.587 | 5.703 | 5.092 | 5.006 | 3.166 |
| | 3 | 7.238 | 4.464 | 9.428 | 6.260 | 6.930 | 6.299 |
| | 4 | 14.623 | 12.520 | 13.005 | 10.560 | 15.959 | 13.598 |
| | 6 | 3.291 | 3.290 | 1.137 | 3.359 | 3.591 | 3.440 |
| | 7 | 2.810 | 3.774 | 3.646 | 2.805 | 3.866 | 3.519 |
| | 8 | 143.411 | 154.017 | 147.685 | 134.836 | 139.334 | 152.099 |
| | 10 | 9.620 | 9.833 | 9.672 | 9.500 | 12.425 | 15.633 |

| Type | UC ID | T83 | T84 | T85 | T86 | T87 | T88 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 20.043 | 13.315 | 15.579 | 14.626 | 18.862 | 13.347 |
| | 5 | 8.139 | 8.239 | 9.143 | 8.056 | 8.501 | 6.256 |
| | 9 | 63.357 | 59.680 | 59.032 | 64.447 | 59.225 | 65.476 |
| Machine Learning | 1 | 2.920 | 6.478 | 5.514 | 8.636 | 7.149 | 4.905 |
| | 3 | 10.041 | 7.690 | 11.019 | 7.842 | 5.602 | 6.721 |
| | 4 | 9.199 | 13.778 | 11.461 | 15.550 | 14.322 | 9.215 |
| | 6 | 2.967 | 3.365 | 2.892 | 2.815 | 3.943 | 3.053 |
| | 7 | 4.011 | 2.907 | 2.691 | 4.088 | 3.006 | 1.734 |
| | 8 | 150.462 | 150.746 | 155.404 | 138.182 | 149.666 | 147.703 |
| | 10 | 15.149 | 10.456 | 9.348 | 10.448 | 13.195 | 9.133 |

| Type | UC ID | T89 | T90 | T91 | T92 | T93 | T94 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 15.953 | 17.721 | 13.882 | 20.199 | 14.549 | 18.446 |
| | 5 | 4.309 | 8.992 | 7.656 | 6.124 | 5.409 | 10.098 |
| | 9 | 74.229 | 65.816 | 62.259 | 58.374 | 63.640 | 71.648 |
| Machine Learning | 1 | 8.009 | 7.038 | 8.104 | 7.809 | 5.202 | 4.707 |
| | 3 | 7.656 | 5.913 | 7.300 | 6.078 | 10.775 | 10.110 |
| | 4 | 12.704 | 5.476 | 9.976 | 7.506 | 10.513 | 6.378 |
| | 6 | 3.171 | 2.649 | 2.960 | 3.031 | 2.628 | 2.586 |
| | 7 | 3.514 | 3.128 | 2.602 | 3.525 | 2.340 | 3.624 |
| | 8 | 141.901 | 157.342 | 143.678 | 152.585 | 151.661 | 148.155 |
| | 10 | 11.188 | 13.636 | 13.090 | 11.605 | 7.978 | 10.878 |

| Type | UC ID | T95 | T96 | T97 | T98 | T99 | T100 |
|---|---|---|---|---|---|---|---|
| Deep Learning | 2 | 15.718 | 12.756 | 20.179 | 19.298 | 14.175 | 6.894 |
| | 5 | 9.060 | 6.607 | 7.305 | 8.049 | 11.545 | 4.951 |
| | 9 | 57.693 | 67.445 | 54.701 | 59.231 | 66.021 | 75.918 |
| Machine Learning | 1 | 5.972 | 5.221 | 8.256 | 5.428 | 7.166 | 6.839 |
| | 3 | 8.799 | 6.996 | 8.276 | 7.396 | 8.679 | 9.727 |
| | 4 | 10.855 | 10.610 | 10.145 | 11.590 | 10.148 | 15.122 |
| | 6 | 3.385 | 1.958 | 3.174 | 3.185 | 2.953 | 3.223 |
| | 7 | 3.718 | 3.233 | 3.101 | 2.374 | 3.124 | 5.300 |
| | 8 | 138.195 | 156.852 | 151.058 | 146.641 | 148.469 | 151.626 |
| | 10 | 11.610 | 7.849 | 10.691 | 9.323 | 9.673 | 9.889 |

*Table 3-2 Use Case Elapsed Times*

# 3.4 SUT Validation Test Output

*Validation Run Report*

| | | | |
|---|---|---|---|
| AIUCpm@1 | 438.29 | $T_{Load}$ | 0.27 |
| Scale Factor | 1 | $T_{LD}$ | 0.27 |
| Streams | 100 | $T_{PTT}$ | 19.65 |
| | | $T_{PST1}$ | 2.67 |
| Kit Version | 2.0.0 | $T_{PST2}$ | 2.67 |
| Execution Status | Pass | $T_{PST}$ | 2.67 |
| Accuracy Status | Pass | $T_{TT}$ | 0.25 |

Test Times

| | |
|---|---|
| Overall Run Start Time | 2026-01-15 18:54:24.480 |
| Overall Run End Time | 2026-01-15 19:17:46.103 |
| Overall Run Elapsed Time | 1,401.623 |
| Load Test Start Time | 2026-01-15 18:55:36.277 |
| Load Test End Time | 2026-01-15 18:55:36.556 |
| Load Test Elapsed Time | 0.279 |
| Power Training Start Time | 2026-01-15 18:55:36.557 |
| Power Training End Time | 2026-01-15 19:09:35.216 |
| Power Training Elapsed Time | 838.659 |
| Power Serving 1 Start Time | 2026-01-15 19:09:35.217 |
| Power Serving 1 End Time | 2026-01-15 19:10:36.823 |
| Power Serving 1 Elapsed Time | 61.606 |
| Power Serving 2 Start Time | 2026-01-15 19:10:36.824 |
| Power Serving 2 End Time | 2026-01-15 19:11:38.055 |
| Power Serving 2 Elapsed Time | 61.231 |
| Scoring Start Time | 2026-01-15 19:12:12.780 |
| Scoring End Time | 2026-01-15 19:13:32.552 |
| Scoring Elapsed Time | 79.772 |
| Throughput Start Time | 2026-01-15 19:13:32.564 |
| Throughput End Time | 2026-01-15 19:17:46.100 |
| Throughput Elapsed Time | 253.536 |

(continued on next page)

*Validation Run Report (continued)*

Accuracy Metrics

| Use Case | Metric Name | Metric | Criteria | Threshold | Status |
|---|---|---|---|---|---|
| 1 | N/A | 0.000 | N/A | 0.00 | Pass |
| 2 | word_error_rate | 0.272 | <= | 0.50 | Pass |
| 3 | mean_squared_log_error | 4.582 | <= | 5.40 | Pass |
| 4 | f1_score | 0.701 | >= | 0.65 | Pass |
| 5 | mean_squared_log_error | 0.013 | <= | 0.50 | Pass |
| 6 | matthews_corrcoef | 0.462 | >= | 0.19 | Pass |
| 7 | median_absolute_error | 0.893 | <= | 1.80 | Pass |
| 8 | accuracy_score | 0.715 | >= | 0.65 | Pass |
| 9 | accuracy_score | 1.000 | >= | 0.90 | Pass |
| 10 | accuracy_score | 0.817 | >= | 0.70 | Pass |

## 3.5 Configuration Parameters

The Supporting Files archive contains all Global Benchmark Parameter and Use Case Specific Parameter settings.

# Clause 4 – SUT Related Items

## 4.1 Specialized Hardware/Software

No Specialized Hardware/Software was used in the SUT.

## 4.2 Configuration Files

The Supporting Files archive contains all configuration files.

## 4.3 SUT Environment Information

All envInfo.log files are included in the Supporting Files archive.

## 4.4 Data Storage to Scale Factor Ratio

The details of the Data Storage Ratio are provided below.

| Node Count | Disks | Size (GB) | Total (GB) |
|---|---|---|---|
| 1 | 2 | 960 | 1,920 |

| | |
|---|---|
| Total Storage (GB) | 1,920 |
| Scale Factor | 3 |
| Data Storage Ratio | 640.00 |

## 4.5 Scale Factor to Memory Ratio

The details of the Memory to Scale Factor Ratio are provided below.

| Nodes | Memory (GiB) | Total (GiB) |
|---|---|---|
| 1 | 384 | 384 |

| | |
|---|---|
| Scale Factor | 3 |
| Total Memory (GiB) | 384 |
| SF / Memory Ratio | 0.01 |

## 4.6 Output of Tests

The Supporting Files archive contains the output files of all tests.

## 4.7 Additional Sponsor Files

The Supporting Files archive contains any additional files that were used.

## 4.8 Model Optimizations

The Supporting Files archive contains any model optimization files that were used.

# Clause 5 – Metrics and Scale Factor

## 5.1 Reported Performance Metrics

*Metric Overview*

| | | |
|---|---|---|
| TPCx-AI Performance Metric | 893.92 | AIUCpm@3 |
| TPCx-AI Price/Performance Metric | 135.11 | $/AIUCpm@3 |
| | | |
| TPCx-AI Scale Factor | 3 | |
| TPCx-AI Stream Count | 100 | |

*Test Times*

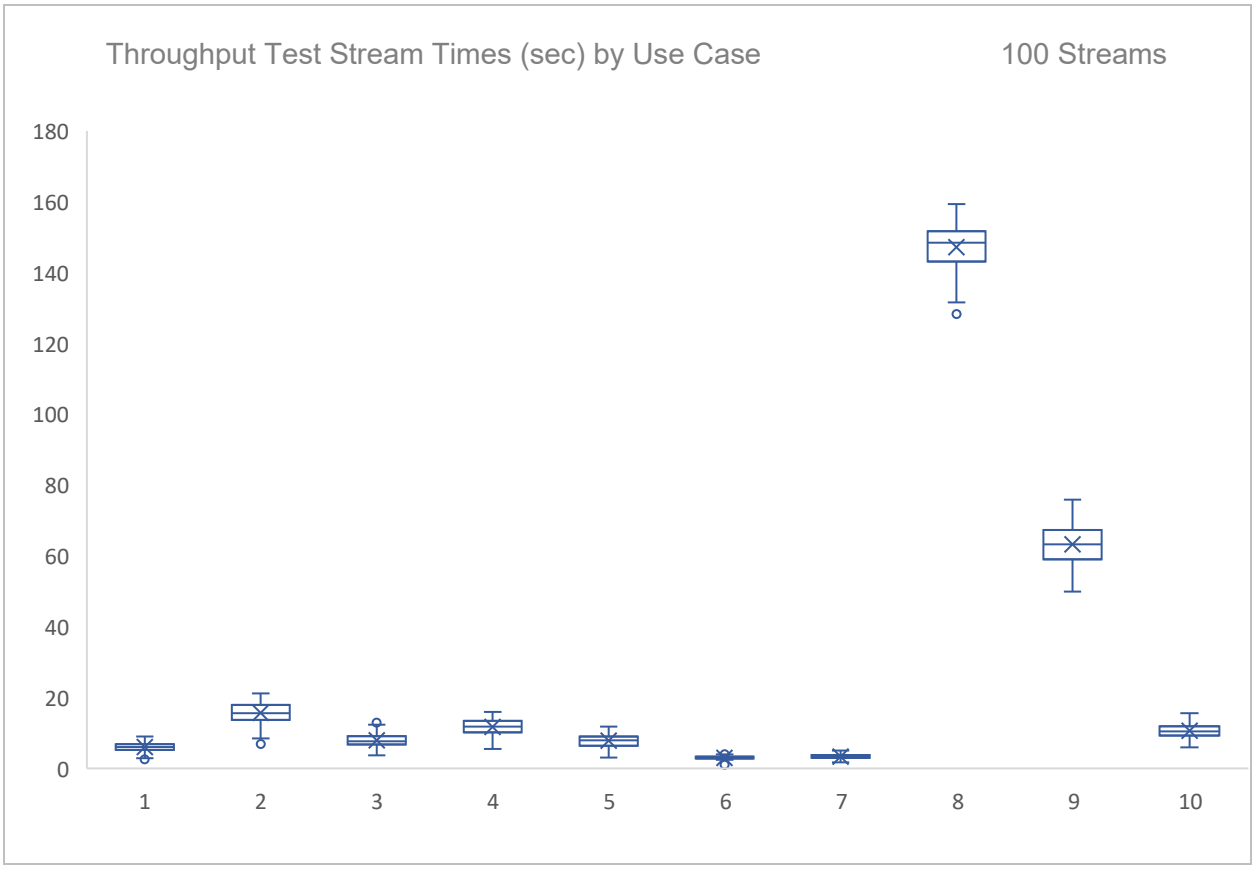
| | |
|---|---|
| Overall Run Start Time | 2026-01-15 19:18:04.839 |
| Overall Run End Time | 2026-01-15 19:51:49.712 |
| Overall Run Elapsed Time | 2,024.873 |
| | |
| Load Test Start Time | 2026-01-15 19:19:26.062 |
| Load Test End Time | 2026-01-15 19:19:26.574 |
| Load Test Elapsed Time | 0.512 |
| | |
| Power Training Start Time | 2026-01-15 19:19:26.575 |
| Power Training End Time | 2026-01-15 19:41:21.674 |
| Power Training Elapsed Time | 1,315.099 |
| | |
| Power Serving 1 Start Time | 2026-01-15 19:41:21.676 |
| Power Serving 1 End Time | 2026-01-15 19:43:10.300 |
| Power Serving 1 Elapsed Time | 108.624 |
| | |
| Power Serving 2 Start Time | 2026-01-15 19:43:10.302 |
| Power Serving 2 End Time | 2026-01-15 19:44:58.702 |
| Power Serving 2 Elapsed Time | 108.400 |
| | |
| Scoring Start Time | 2026-01-15 19:45:34.333 |
| Scoring End Time | 2026-01-15 19:46:56.190 |
| Scoring Elapsed Time | 81.857 |
| | |
| Throughput Start Time | 2026-01-15 19:46:56.203 |
| Throughput End Time | 2026-01-15 19:51:49.709 |
| Throughput Elapsed Time | 293.506 |

*Accuracy Metrics*

| Use Case | Metric Name | Metric | Criteria | Threshold | Status |
|---|---|---|---|---|---|
| 1 | N/A | 0.000 | N/A | 0.00 | Pass |
| 2 | word_error_rate | 0.465 | <= | 0.50 | Pass |
| 3 | mean_squared_log_error | 3.507 | <= | 5.40 | Pass |
| 4 | f1_score | 0.700 | >= | 0.65 | Pass |
| 5 | mean_squared_log_error | 0.451 | <= | 0.50 | Pass |
| 6 | matthews_corrcoef | 0.492 | >= | 0.19 | Pass |
| 7 | median_absolute_error | 0.955 | <= | 1.80 | Pass |
| 8 | accuracy_score | 0.751 | >= | 0.65 | Pass |
| 9 | accuracy_score | 1.000 | >= | 0.90 | Pass |
| 10 | accuracy_score | 0.816 | >= | 0.70 | Pass |

## 5.2 Throughput Test Stream Times

The following chart shows the minimum, 1st quartile, median, mean (X), 3rd quartile, and maximum stream times by use case for the Throughput Test. Outliers are marked with “o”.



# Auditor's Information

This benchmark was audited by Doug Johnson, InfoSizing.

www.sizing.com
63 Lourdes Drive
Leominster, MA 01453
978-343-6562.

This benchmark's Full Disclosure Report can be downloaded from www.tpc.org.

A copy of the auditor's attestation letter is included in the next two pages.

InfoSizing
The Right Metric For Sizing IT

TPC
Certified Auditor

Danny Zhang
Performance Development Manager
7001 Development Drive
Morrisville, NC 27560

January 28, 2026

I verified the TPC Express Benchmark™ AI v2.0.0 performance of the following configuration:

| | |
|---|---|
| Platform: | 1x ThinkSystem SR655 V3 |
| Operating System: | Red Hat Enterprise Linux 8.10 (Ootpa) |
| Additional Software: | Anaconda Business |

The results were:

| | | |
|---|---|---|
| **Performance Metric** | **893.92 AIUCpm@3** | |
| Secondary Metrics | $T_{LD}$ | 0.50 |
| | $T_{PTT}$ | 29.33 |
| | $T_{PST}$ | 3.85 |
| | $T_{TT}$ | 0.29 |

| **System Under Test** | **1x ThinkSystem SR655 V3 with:** | | |
|---|---|---|---|
| CPUs | 1x AMD EPYC 9575F 64-Core Processor | | |
| Memory | 384 GiB | | |
| Storage | ***Qty*** | ***Size*** | ***Type*** |
| | 2 | 960 GB | M.2 VA Read Intensive NVMe SSD |

In my opinion, these performance results were produced in compliance with the TPC requirements for the benchmark.

The following verification items were given special attention:

- All TPC-provided components were verified to be v2.0.0.
- All checksums were validated for compliance.
- Any modifications to shell scripts were reviewed for compliance.
- No modifications were made to any of the Java code.
- The generated dataset was properly scaled to 3 GB.
- The generated dataset used for testing was protected by RAID1.

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- The elapsed times for all phases and runs were correctly measured and reported.
- The Storage and Memory Ratios were correctly calculated and reported.
- The system pricing was verified for major components and maintenance.
- The major pages from the FDR were verified for accuracy.

Additional Audit Notes:

None.

Respectfully Yours,

Doug Johnson, Certified TPC Auditor

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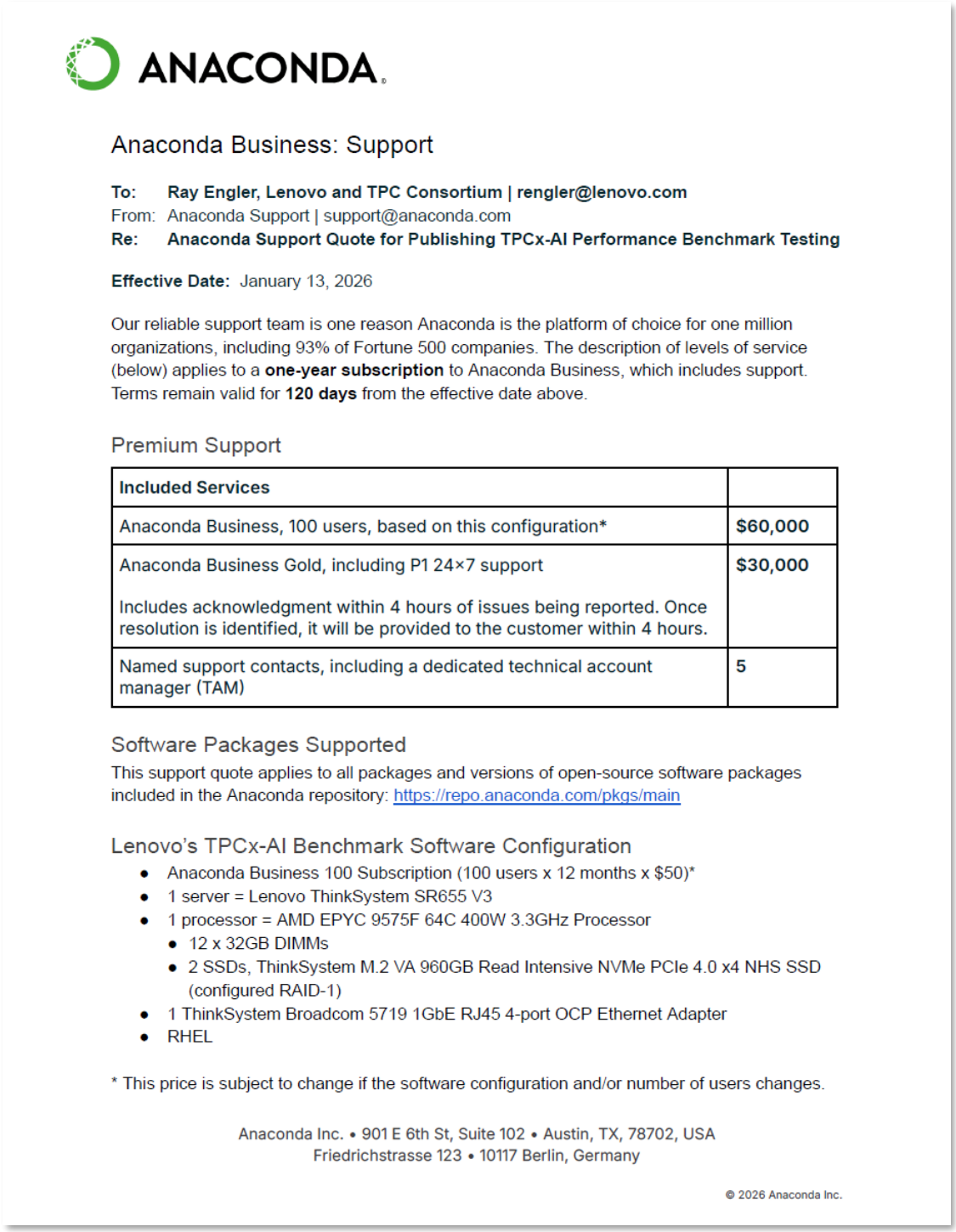
# Third-Party Price Quotes

## Anaconda



ANACONDA.

### Anaconda Business: Support

**To:** **Ray Engler, Lenovo and TPC Consortium | rengler@lenovo.com**
From: Anaconda Support | support@anaconda.com
**Re:** **Anaconda Support Quote for Publishing TPCx-AI Performance Benchmark Testing**

**Effective Date:** January 13, 2026

Our reliable support team is one reason Anaconda is the platform of choice for one million organizations, including 93% of Fortune 500 companies. The description of levels of service (below) applies to a **one-year subscription** to Anaconda Business, which includes support. Terms remain valid for **120 days** from the effective date above.

### Premium Support

| **Included Services** | |
|---|---|
| Anaconda Business, 100 users, based on this configuration* | **$60,000** |
| Anaconda Business Gold, including P1 24×7 support<br><br>Includes acknowledgment within 4 hours of issues being reported. Once resolution is identified, it will be provided to the customer within 4 hours. | **$30,000** |
| Named support contacts, including a dedicated technical account manager (TAM) | **5** |

### Software Packages Supported

This support quote applies to all packages and versions of open-source software packages included in the Anaconda repository: https://repo.anaconda.com/pkgs/main

### Lenovo's TPCx-AI Benchmark Software Configuration

- Anaconda Business 100 Subscription (100 users x 12 months x $50)*
- 1 server = Lenovo ThinkSystem SR655 V3
- 1 processor = AMD EPYC 9575F 64C 400W 3.3GHz Processor
  - 12 x 32GB DIMMs
  - 2 SSDs, ThinkSystem M.2 VA 960GB Read Intensive NVMe PCIe 4.0 x4 NHS SSD (configured RAID-1)
- 1 ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter
- RHEL

* This price is subject to change if the software configuration and/or number of users changes.

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# Supporting Files Index

The Supporting Files archive for this disclosure contains the following structure.

| Supporting Files Directory | Description |
|---|---|
| CheckIntegrity/… | Output of CHECK_INTEGRITY test (if the phase is not done as part of the Validation and Performance Test). |
| PerformanceTest/… | Performance Test output files. |
| ValidationTest/… | Validation Test output files. |

| Additional files used by Lenovo | |
|---|---|
| Sponsor/ModelOptimization/… | Details of model optimization. |
| Sponsor/ModifiedKitFiles/… | 1 modified file(s). |
| Sponsor/Tuning/… | All tuning files used. |