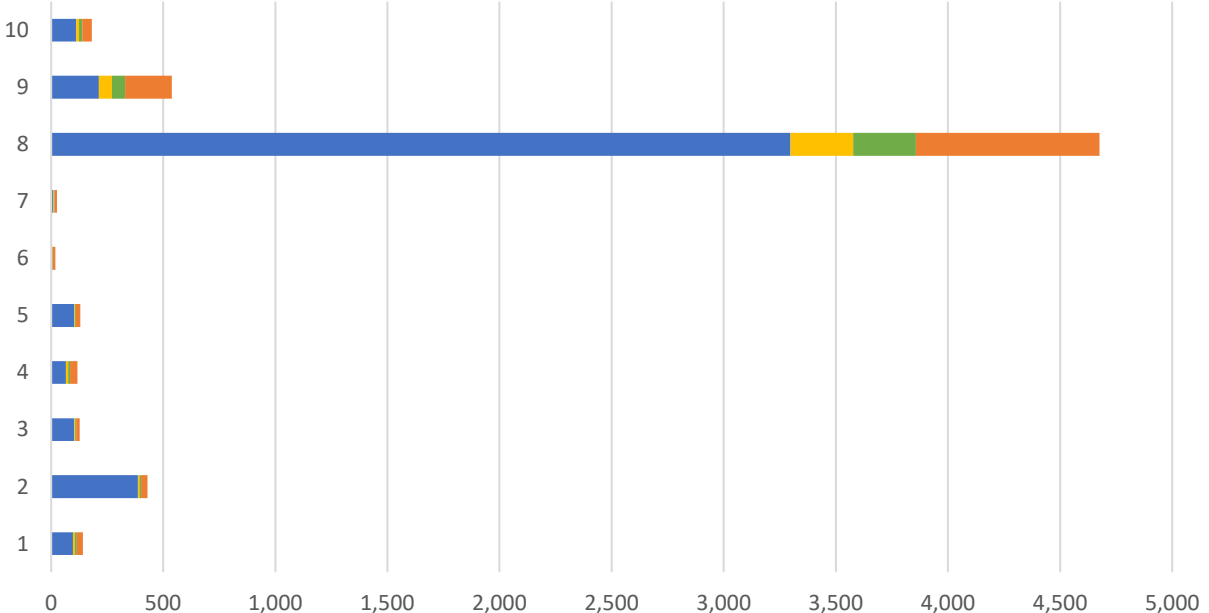

		<h1>PowerEdge R6715</h1>		TPCx-AI 2.0.0 TPC Pricing 2.9.0 Report Date Oct. 10, 2024																																																							
TPCx-AI Performance 864.53 AIUCpm@10	Total System Cost \$118,344 USD	Price/Performance \$136.89 USD/AIUCpm@10	Availability Date November 9, 2024																																																								
Framework Anaconda Business	Operating System Red Hat Enterprise Linux 8.10 (Ootpa)	Other Software N/A	Scale Factor 10	Streams 100																																																							
<div style="text-align: center;"> <h3>Use Case Time (sec.) by Phase</h3> <p> ■ Training ■ Serving 1 ■ Serving 2 ■ Throughput (Avg) </p>  <table border="1"> <caption>Approximate Use Case Time (sec.) by Phase</caption> <thead> <tr> <th>Case</th> <th>Training (sec.)</th> <th>Serving 1 (sec.)</th> <th>Serving 2 (sec.)</th> <th>Throughput (Avg) (sec.)</th> </tr> </thead> <tbody> <tr><td>1</td><td>100</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>2</td><td>400</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>3</td><td>100</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>4</td><td>100</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>5</td><td>100</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>6</td><td>50</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>7</td><td>50</td><td>50</td><td>50</td><td>50</td></tr> <tr><td>8</td><td>3300</td><td>300</td><td>200</td><td>1000</td></tr> <tr><td>9</td><td>150</td><td>100</td><td>100</td><td>100</td></tr> <tr><td>10</td><td>100</td><td>50</td><td>50</td><td>50</td></tr> </tbody> </table> </div>					Case	Training (sec.)	Serving 1 (sec.)	Serving 2 (sec.)	Throughput (Avg) (sec.)	1	100	50	50	50	2	400	50	50	50	3	100	50	50	50	4	100	50	50	50	5	100	50	50	50	6	50	50	50	50	7	50	50	50	50	8	3300	300	200	1000	9	150	100	100	100	10	100	50	50	50
Case	Training (sec.)	Serving 1 (sec.)	Serving 2 (sec.)	Throughput (Avg) (sec.)																																																							
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7	50	50	50	50																																																							
8	3300	300	200	1000																																																							
9	150	100	100	100																																																							
10	100	50	50	50																																																							
Physical Storage / Scale Factor 96.00	Scale Factor / Physical Memory 0.01	Main Data Redundancy Model RAID-1																																																									
Servers: Total Processors/Cores/Threads	1 1 / 32 / 64																																																										
Server Type Processors Memory Storage Controller Storage Device Network Controller	1x PowerEdge R6715 (Server) 1x AMD EPYC 9355P 32-Core Processor 768 GiB 1x BOSS-N1 2x 480 GB NVMe 1x Broadcom 57504 Quad Port 10/25GbE																																																										

	<h1 style="text-align: center;">PowerEdge R6715</h1>			TPCx-AI	2.0.0	
				TPC Pricing	2.9.0	
				Report Date	Oct. 10, 2024	
Description	Part Number	Source	List Price	Qty	Extended Price	1-Yr. Maintenance
Hardware						
PowerEdge R6715 Server	210-BNRK		1 \$84,527.00	1	\$84,527.00	
High Performance Computing Cluster Information SKU	463-7922		1 \$0.00	1		
No Backplane	379-BDSY		1 \$0.00	1		
No Backplane	379-BDSV		1 \$0.00	1		
No Rear Storage	379-BDTE		1 \$0.00	1		
Trusted Platform Module 2.0V3	461-AAIG		1 \$0.00	1		
No HD, No Backplane	321-BIFS		1 \$0.00	1		
AMD EPYC 9355P 3.40GHz, 32C/64T, 256 Cache (280W) DDR5-6000	338-CRCD		1 \$0.00	1		
High Performance Heatsink	412-BBGB		1 \$0.00	1		
Performance Optimized	370-AHLL		1 \$0.00	1		
6400MT/s RDIMMs	370-BBRX		1 \$0.00	1		
64GB RDIMM, 6400MT/s, Dual Rank	370-BCCY		1 \$0.00	12		
Diskless Configuration (No RAID, No Controller)	780-BCDH		1 \$0.00	1		
No Controller	405-AACD		1 \$0.00	1		
No Hard Drive	400-ABHL		1 \$0.00	1		
Performance BIOS Settings	384-BBBL		1 \$0.00	1		
UEFI BIOS Boot Mode with GPTPartition	800-BBDM		1 \$0.00	1		
No Energy Star	387-BBEY		1 \$0.00	1		
4 Very High Performance Fan for 1 CPU	384-BDHS		1 \$0.00	1		
Dual, Redundant (1+1), Hot-Plug MHS Power Supply, 1500W MM, Titanium	450-BCXC		1 \$0.00	1		
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI		1 \$0.00	2		
Riser Config 5, 2 x16 LP Slots (Gen5), 2nd OCP	330-BCWQ		1 \$0.00	1		
PowerEdge R6715 Motherboard	329-BKPB		1 \$0.00	1		
Broadcom 57504 Quad Port 10/25GbE, SFP28, OCP NIC 3.0	540-BCRX		1 \$0.00	1		
Broadcom 5720 Dual Port 1GbE LOM	540-BDKD		1 \$0.00	1		
No Bezel for x8 /x10 Chassis, R6715	325-BETT		1 \$0.00	1		
BOSS-N1 controller card + with 2 M.2 480GB (RAID 1) (22x80)	403-BDMM		1 \$0.00	1		
No Operating System, No Utility Partition, BOSS	611-BBBX		1 \$0.00	1		
No Media Required	605-BBFN		1 \$0.00	1		
Secured Component Verification	528-COYT		1 \$0.00	1		
iDRAC10, Enterprise 17G	634-CSHV		1 \$0.00	1		
No Quick Sync	350-BBXM		1 \$0.00	1		
iDRAC, Legacy Password	379-BCSG		1 \$0.00	1		
iDRAC Service Module (ISM), NOT Installed	379-BCQX		1 \$0.00	1		
ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar	770-BECD		1 \$0.00	1		
No Systems Documentation, No OpenManage DVD Kit	631-AAACK		1 \$0.00	1		
PowerEdge R6715 Shipping	340-DCYK		1 \$0.00	1		
Shipping Material for No backplane chassis	340-DCYG		1 \$0.00	1		
PowerEdge R6715 No CCC or CEMarking	470-AFOI		1 \$0.00	1		
iDRAC Group Manager, Disabled	379-BCQY		1 \$0.00	1		
None Required	817-BBBD		1 \$0.00	1		
Dell Hardware Limited Warranty Plus On-Site Service	886-9770		1 \$249.00	1		\$249.00
3Yr ProSupport and 4hr Mission Critical - 3Years	199-BONO		1 \$6,103.87	1		\$6,103.87
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800-945-3355	989-3439		1 \$0.00	1		
Dell 24 Monitor – S2425H	210-BMGX		1 \$99.99	1	\$99.99	
Keyboard/Mouse (Included with Server)	N/A		1 0	1		
				Subtotal	\$84,626.99	\$6,352.87
(continued on the next page)						


	<h1>PowerEdge R6715</h1>	TPCx-AI	2.0.0
		TPC Pricing	2.9.0
		Report Date	Oct. 10, 2024

(continued from the previous page)

Description	Part Number	Source	List Price	Qty	Extended Price	1-Yr. Maintenance
Software						
Anaconda Business, 85 users	N/A	2	\$51,000.00	1	\$51,000.00	
Anaconda Business Premium Support, including 24x7 support	N/A	2	\$35,000.00	1		\$35,000.00
Red Hat Enterprise Linux, 2SKT, 1 Physical OR 2Guest, 1Yr PREMIUM SUB, No Med 528-BHPJ		1	1428.9	1	\$1,428.90	
				Subtotal	\$52,428.90	\$35,000.00
Large Purchase Discount (65%)*				Total	\$137,055.89	\$41,352.87

Pricing: 1 = Dell; 2 = Anaconda	Total System Cost (USD):	\$118,344
* Discount applies to all line items where Key = 1. Discount based upon total system cost as purchased by a regular customer.	AIUCpm@10:	864.53
Audited by Doug Johnson, InfoSizing	\$/AIUCpm@10:	\$136.89

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.

	<h1>PowerEdge R6715</h1>		TPCx-AI	2.0.0
			TPC Pricing	2.9.0
			Report Date	Oct. 10, 2024
<u>Numerical Quantities</u>				
AIUCpm@10	864.53	T_{Load}		1.95
Scale Factor	10	T_{LD}		1.95
Streams	100	T_{PTT}		101.01
Kit Version	2.0.0	T_{PST1}		9.35
Execution Status	Pass	T_{PST2}		9.37
Accuracy Status	Pass	T_{PST}		9.37
		T_{TT}		1.26
Test Times				
Overall Run Start Time				2024-09-18 17:45:11.991
Overall Run End Time				2024-09-18 19:36:09.605
Overall Run Elapsed Time				6,657.614
Load Test Start Time				2024-09-18 17:46:46.551
Load Test End Time				2024-09-18 17:46:48.518
Load Test Elapsed Time				1.967
Power Training Start Time				2024-09-18 17:46:48.519
Power Training End Time				2024-09-18 19:00:03.956
Power Training Elapsed Time				4,395.437
Power Serving 1 Start Time				2024-09-18 19:00:03.957
Power Serving 1 End Time				2024-09-18 19:06:31.536
Power Serving 1 Elapsed Time				387.579
Power Serving 2 Start Time				2024-09-18 19:06:31.538
Power Serving 2 End Time				2024-09-18 19:12:59.561
Power Serving 2 Elapsed Time				388.023
Scoring Start Time				2024-09-18 19:13:32.070
Scoring End Time				2024-09-18 19:15:07.621
Scoring Elapsed Time				95.551
Throughput Start Time				2024-09-18 19:15:07.634
Throughput End Time				2024-09-18 19:36:09.601
Throughput Elapsed Time				1,261.967

	<h1>PowerEdge R6715</h1>	TPCx-AI	2.0.0
		TPC Pricing	2.9.0
		Report Date	Oct. 10, 2024

Numerical Quantities (continued)

Use Case Times & Accuracy

Use Case	Training (sec)	Serving 1 (sec)	Serving 2 (sec)	Throughput (avg)	Accuracy
UC01	97.948	8.397	8.432	26.751	0.000
UC02	386.901	7.247	7.267	28.836	0.483
UC03	103.161	4.201	4.194	15.099	3.609
UC04	66.647	8.941	9.028	33.185	0.707
UC05	103.267	3.364	3.400	19.961	0.082
UC06	6.147	0.987	0.984	10.946	0.548
UC07	8.501	3.139	3.136	10.611	1.026
UC08	3,297.876	279.549	279.826	818.372	0.735
UC09	212.812	58.644	58.668	207.675	1.000
UC10	112.092	13.023	12.999	43.659	0.816

Use Case Serving Times (sec.)

