EXECUTIVE SUMMARY Page 4 of 30

										TPCx-AI		1.0.2
DØLL EI	10		ell l	EMC	Po	we	rE	dge	9	TPC Pricing		2.8.0
	IVIC				R6625				Report Date Jun. 13			
										Report Date	Juli. I	5, 2023
TPCx-Al Perform	mance	Tota	al Syste	m Cost		Price/	Perl	orman	ice	Availabi	lity Da	ate
3,258.01 AIUCpm@10	000	\$8	72,988	USD	ι			7.96 pm@1	000	June 1	3, 202	23
Framewor	k	Оре	erating S	System		Othe	er S	oftwar	Э	Scale Fact	or Str	eams
Cloudera SEL Platform Private Base Editio	Cloud		Hat Eninux 8.6	terprise 6/8.7		N/A			1,000		4	
Use Case T	ime (se	c.) by F	Phase		■ Tra	aining I	■ Ser\	/ing 1 ■	■ Serving	2 ■ Throughpu	ıt (Avg)	
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0	1,000	2,000	3,0	000	4,000	5,0	000	6,0	000	7,000	8,000	
Physical Storage	/ Scale F	actor	Scale F	actor / I	Physica	I Memo	ory	M	ain Dat	ta Redundand	y Mod	el
214.	56			0	.12				Rep	lication3, RAI	D 1	
Servers: Total Processors/C	ores/Thr	eads	11 22 / 704	1 / 1,344								
Server Type	1x PowerE	dge R66	25 (Maste	er Node)		10x F	Powe	rEdge F	R6625 (Worker Node)		
Processors 2	2x AMD E	PYC 935	4 32 - Core	e Process	or	2x A	MD E	EPYC 90	354 32-0	Core Processo	-	
Memory	768 GiB					768	GiB					
•	1x PERC I			ller				H755 R				
,	1x 800 GB 1x 960 GB 2x Dell En	SAS SS	D			2x 96 4x 3.	80 GI 84 T		SSD (3 r SSD (all			
Network Controller	1x Broadc	om Adv. I	Dual 25 G	€b				com Adv				
Connectivity	1x Mellanox SN3420 100/25 GbE (Cluster Interconnect)											

EXECUTIVE SUMMARY Page 5 of 30



Dell EMC PowerEdge R6625

 TPCx-AI
 1.0.2

 TPC Pricing
 2.8.0

 Report Date
 Jun. 13, 2023

Description						Report Date	202
Powerfige R6G2 Server - Primary Node 210 BEXO 1 50.00 1	•	Part Number	Source	List Price	Qty	Extended Price	1-Yr. Maintenance
2.5° Chasis with up to 10 SA4/SATA Drives including 4 inviesal Slats, Forth PERC 11 SA5/SATA/WVMc Capable Backplane 379-BDTS 739-BDTS 739-BDT		240 PEVO	4	ć00 C72 01	1	ć00 672 01	
James							
AS/SATA/NVMc Capable Backplane 379-BDSW 379-BDSW 10 80-BDTE 40 GPU Enablement 379-BDSR 40 GPU Enablement 370-BDSR 40 GPU Enablement 370-BDSR 40 GPU Enablement 370-BDSR 40 SDR		g 4 321-BIIO	1	\$0.00	1		
No Reaf Storage No GPU Enablement 379-BDTS PROSES PROVED SHARD STORAGE PROVIDED SHARD SHORE PROVIDED SHARD SHARD PROVIDED SHARD P							
NG PIPL Enablement 378-BDSR			1	\$0.00	1		
Finance Planform Module 2 O V A	o Rear Storage	379-BDTE					
MAID EPIC 9354 3,25GHz, 32C/64T, 256M Cache (280W) DDRS- 388-CGXN 1 \$0.00 1	o GPU Enablement	379-BDSR					
ABZO Additional Processor Selected 379-BDCO 1 \$0.00 1	usted Platform Module 2.0 V3	461-AAIG	1	\$0.00	1		
Ndelftlonal Processor Selected	MD EPYC 9354 3.25GHz, 32C/64T, 256M Cache (280W) DDR5- 338-CGXN	1	\$0.00	1		
Heatsink for 2 CPU configuration	300						
Name	dditional Processor Selected	379-BDCO	1	\$0.00	1		
ABOMITY'S RDIMMS 370-AHCL 1 \$0.00 1	eatsink for 2 CPU configuration	412-ABEE	1	\$0.00	1		
M2GB RNIMM, 4800MT/s Dual Rank 370-AC2P 1 \$0.00 24 1 1 24 1 1 24 1 24 24	erformance Optimized	370-AHLL	1	\$0.00	1		
Junconfigured RAID 780-BCDS 1 \$0.00 1	300MT/s RDIMMs	370-AHCL	1	\$0.00	1		
Decompress of ARID	2GB RDIMM, 4800MT/s Dual Rank	370-AGZP	1	\$0.00	24		
### AZBER CH755 SAS Front		780-BCDS	1	\$0.00	1		
Front PERC Mechanical Parts, rear load 750-ADRI 1 50.00 1 BOOGE SSD SAS ISE, MU, up to 24Gbps 512e 2.5in Hot-Plug, AG 345-BEPV 1 50.00 1 BOOGE SSD SAS ISE, MU, up to 24Gbps 512e 2.5in Hot-Plug, AG 345-BEPV 1 50.00 1 BOOGE SSD SAS 12Gbps SED RI 512e 2.5in Hot-Plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 2 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VASA 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VASA 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VASA 12Gbps SED RI 512e 2.5in Hot-plug 1WPD 345-BHXD 1 50.00 1 BOOGE SSD VASA 1 500 1 50.00 1 BOOGE SSD VASA 1 500 1 50.00 1 50.00 1 BOOGE SSD VASA 1 500 1 50.00 1 50.00 1 50.00 1 BOOGE SSD VASA 1 500 1 50.00	-	405-AAZB	1		1		
Second SSD SAS ISE, MU, up to 24Gbps 512e 2.5in Hot-Plug, AG 345-BEPV 1 \$0.00 1							
### Deficies Set Ny Set							
1 1 2 2 2 2 2 2 2 2		148,710 010 0211	-	φο.σσ	_		
L.92TB Enterprise NVMe Read Intensive AG Drive U.2 Gen4 with carrier verification of Performance BIOS Settings as AB-BBL 1 5,000 1 1 5,0		VPD 3/15-RHYD	1	\$0.00	1		
with carrier Performance BIOS Settings							
DEFI BIOS Boot Mode with GPT Partition	•	Gell4 400-BKGW	1	30.00	2		
UEFI BIOS Boot Mode with GPT Partition 800-BBDM 1 \$0.00 1 High Performance Fan x4 384-BDHQ 1 \$0.00 1 Single, Hot-plug, Power Supply Non-Redundant (1+0), 1400w, Mixed Mode 450-AIQW 1 \$0.00 2 C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, Mixed Mode 492-BBDI 1 \$0.00 2 North America 330-BCCX 1 \$0.00 1 Riser Config 1, 1 x16 LP + 2 x16 LP 330-BCCX 1 \$0.00 1 PowerEdge R6625 Motherboard 329-BHQD 1 \$0.00 1 Broadcom 5720 Dual Port 10/25GbE SFP28, OCP NIC 3.0 540-BCCC 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 540-BCNC 1 \$0.00 1 No Bezel 350-BBSW 1 \$0.00 1 No Bezel 350-BBSW 1 \$0.00 1 BOSS Blank 403-BCID 1 \$0.00 1 Subscription Selection 505-BBFN 1 \$0.00 1 No Media Required 605-BBFN 1 \$0.00 1		204 DDDI	1	¢0.00	1		
High Performance Fan x4 384-BDHQ 1 \$0.00 1 Single, Hot-plug, Power Supply Non-Redundant (1+0), 1400W, 450-AlQW 1 \$0.00 1 \$0.00 1 Single, Hot-plug, Power Supply Non-Redundant (1+0), 1400W, 492-BBDI 1 \$0.00 2 Single, Hot-plug, Power Supply Non-Redundant (1+0), 1400W, 492-BBDI 1 \$0.00 2 Single, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, 492-BBDI 1 \$0.00 2 Single, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, 492-BBDI 1 \$0.00 1 \$0.00 1 Single, R6625 Motherboard 329-BHQD 1 \$0.00 1 Single, R6625 Motherboard 329-BHQD 1 \$0.00 1 Single, R6625 Single,	_						
Single, Hot-plug, Power Supply Non-Redundant (1+0), 1400W, 450-AIQW							
Mixed Mode C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, 492-BBDI 1 \$0.00 2 North America Sites C Config 1, 1 x16 LP + 2 x16 LP 330-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 330-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C Config 1, 1 x16 LP + 2 x16 LP 340-BCCX 1 \$0.00 1 Sites C C C C C C C C C C C C C C C C C C C	5						
### State C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, ### 492-BBDI 1 \$0.00 2		, 1400W, 450-AIQW	1	\$0.00	1		
North America Riser Config 1, 1x16 LP + 2x16 LP Riser Config 1, 1x16 LP + 2x16 LP Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Motherboard Riser Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Shipping Material 4 Rower Config 1, 1x16 LP + 2x16 LP RowerEdge R6625 Shipping Material 4 Rower Config 1, 1x16 LP Rower Config Riser LP Rower Co							
Riser Config 1, 1 x16 LP + 2 x16 LP 330-BCCX 1 \$0.00 1 ProwerEdge R6625 Motherboard 329-BHQD 1 \$0.00 1 ProwerEdge R6625 Motherboard 329-BHQD 1 \$0.00 1 ProwerEdge R6625 Motherboard 1 \$0.00 1 ProwerEdge R6625 Shipping Material 4 \$0.00 1 ProwerEdge R6625 Shipping R6625 Shipping Material \$0.00 1 ProwerEdge R6625 Shipping Material \$0.00 1 ProwerEdge R6625 Shipping Material \$0.00 1 ProwerEdge		ord, 492-BBDI	1	\$0.00	2		
PowerEdge R6625 Motherboard 329-BHQD 1 \$0.00 1 Broadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3.0 540-BCOC 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 540-BDKD 1 \$0.00 1 Braky,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 Braky,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 Braky,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 540-BDKD 1 \$0.00 1 Braky,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 1 \$0.00 1 Braky,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 1 \$0.00 1 Broadcom 5720 Dual Port 1GbE Optional LOM 1 \$0.00 1 Broadcom 528-CDF 1 \$							
Stroadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3.0 540-BCOC 1 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$							
Sample S	owerEdge R6625 Motherboard	329-BHQD					
TRAY,W/LBLS,X8/X10,R6625 321-BIGJ 1 \$0.00 1 No Bezel 350-BBBW 1 \$0.00 1 BOSS Blank 403-BCID 1 \$0.00 1 Enterprise Linux OS, Non Factory Installed, Requires 605-BBFL 1 \$0.00 1 Subscription Selection 805-BBFN 1 \$0.00 1 No Media Required 605-BBFN 1 \$0.00 1 RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 Guest, Digitally Fulfilled 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCQ 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 70-BECD 1 \$0.00 1 Strain Relief Bar 1 \$0.00 1 \$0.00 1 No Systems Documentation, No O	oadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3	3.0 540-BCOC	1	\$0.00	1		
No Bezel 350-BBBW 1 \$0.00 1 BOSS Blank 403-BCID 1 \$0.00 1 BOSS BISS BISS BISS BISS BISS BISS BISS	oadcom 5720 Dual Port 1GbE Optional LOM	540-BDKD	1	\$0.00	1		
BOSS Blank 403-BCID 1 \$0.00 1 Enterprise Linux OS, Non Factory Installed, Requires 605-BBFL 1 \$0.00 1 Subscription Selection No Media Required 605-BBFN 1 \$0.00 1 RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 GUEST, Digitally Fulfilled 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 SUBRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 SUBRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 SUBRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 STRAC BROWN SUBJECT SUBJE	RAY,W/LBLS,X8/X10,R6625	321-BIGJ	1	\$0.00	1		
Enterprise Linux OS, Non Factory Installed, Requires 605-BBFL 1 \$0.00 1 Subscription Selection No Media Required 605-BBFN 1 \$0.00 1 RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 Guest, Digitally Fulfilled IDRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCSF 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 70-BECD 1 \$0.00 1 Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	o Bezel	350-BBBW	1	\$0.00	1		
Subscription Selection No Media Required 605-BBFN 1 \$0.00 1 RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 Guest, Digitally Fulfilled IDRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCSF 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 770-BECD 1 \$0.00 1 Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$99.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	OSS Blank	403-BCID	1	\$0.00	1		
No Media Required 605-BBFN 1 \$0.00 1 RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 Guest, Digitally Fulfilled IDRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCSF 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 770-BECD 1 \$0.00 1 Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$99.00 1 \$99.00	nterprise Linux OS, Non Factory Installed, Requires	605-BBFL	1	\$0.00	1		
RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual 528-CHFH 1 \$0.00 1 Guest, Digitally Fulfilled 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	ubscription Selection						
Guest, Digitally Fulfilled IDRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 IDRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 IDRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 IDRAC Group Manager, Disabl	o Media Required	605-BBFN	1	\$0.00	1		
Suest, Digitally Fulfilled DRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 DRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 DRAC BeadyRails Sliding Rails Without Cable Management Arm or 70-BECD 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 DRAC Group Manager, Disabled 379-B	•	tual 528-CHFH					
DRAC9, Enterprise 16G 528-CTIC 1 \$0.00 1 Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 DRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 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-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	· · · · · · · · · · · · · · · · · · ·			*			
Secured Component Verification 528-COYT 1 \$0.00 1 No Quick Sync 350-BBXM 1 \$0.00 1 DRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 770-BECD 1 \$0.00 1 Strain Relief Bar Strain Relief Bar 50.00 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00		528-CTIC	1	\$0.00	1		
No Quick Sync 350-BBXM 1 \$0.00 1 DRAC,Factory Generated Password 379-BCSF 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 770-BECD 1 \$0.00 1 Strain Relief Bar No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	, .						
DRAC, Factory Generated Password 379-BCSF 1 \$0.00 1 DRAC Group Manager, Disabled 379-BCQY 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-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	•						
DRAC Group Manager, Disabled 379-BCQY 1 \$0.00 1 ReadyRails Sliding Rails Without Cable Management Arm or 570-BECD 1 \$0.00 1 Strain Relief Bar 80 Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00							
ReadyRails Sliding Rails Without Cable Management Arm or 770-BECD 1 \$0.00 1 Strain Relief Bar 80 Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	•						
Strain Relief Bar 1 \$0.00 1 No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00							
No Systems Documentation, No OpenManage DVD Kit 631-AACK 1 \$0.00 1 PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00	-	Arm or //U-BECD	1	\$0.00	1		
PowerEdge R6625 Shipping 340-DDEC 1 \$10.00 1 \$10.00 PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00		it 631-AACK	1	\$0.00	1		
PowerEdge R6625 Shipping Material 4 340-DDCC 1 \$99.00 1 \$99.00							
Basic Next Business Day 36 Months 709-BBFM 1 \$186.76 1	5						\$186.7
·							\$8,559.3
ProSupport and Next Business Day Onsite Service Initial, 36 865-BBMY 1 \$8,559.30 1 Month(s)		uai, 30 OUS-BDIVIT	1	<i>\$0,33</i> 3.30	1		\$6,559.3

EXECUTIVE SUMMARY Page 6 of 30



Dell EMC PowerEdge R6625

TPCx-AI 1.0.2
TPC Pricing 2.8.0
Report Date Jun. 13,

		0023		R	eport Date	Jun. 1 202
	(continued from the p	revious page)				
Description	Part Number	Source L	ist Price Qty	Ex	tended Price 1-Yr.	Maintenance
PowerEdge R6625 Server - Worker Nodes Type 1	210-BFXO	1 5	117,263.33	3	\$351,789.99	
2.5 Chassis	379-BDTF	1	\$0.00	3	\$0.00	
SAS/SATA/NVMe Capable Backplane	379-BDSW	1	\$0.00	3	\$0.00	
No Rear Storage	379-BDTE	1	\$0.00	3	\$0.00	
No GPU Enablement	379-BDSR	1	\$0.00	3	\$0.00	
rusted Platform Module 2.0 V3	461-AAIG	1	\$0.00	3	\$0.00	
2.5" Chassis with up to 10 SAS4/SATA Drives including 4	321-BIIO	1	\$0.00	3	\$0.00	
Universal Slots, Front PERC 11						
NMD EPYC 9354 3.25GHz, 32C/64T, 256M Cache (280W) DDR5- 1800	338-CGXN	1	\$0.00	3	\$0.00	
Additional Processor Selected	379-BDCO	1	\$0.00	3	\$0.00	
leatsink for 2 CPU configuration	412-ABEE	1	\$0.00	3	\$0.00	
erformance Optimized	370-AHLL	1	\$0.00	3	\$0.00	
800MT/s RDIMMs	370-AHCL	1	\$0.00	3	\$0.00	
2GB RDIMM, 4800MT/s Dual Rank	370-AGZP	1	\$0.00	72	\$0.00	
Inconfigured RAID	780-BCDS	1	\$0.00	3	\$0.00	
PERC H755 SAS Front	405-AAZB	1	\$0.00	3	\$0.00	
Front PERC Mechanical Parts, rear load	750-ADRI	1	\$0.00	3	\$0.00	
160GB SSD vSAS 12Gbps SED RI 512e 2.5in Hot-plug 1WPD	345-BHXD	1	\$0.00	6	\$0.00	
.84TB SSD vSAS Mixed Use 12Gbps 512e 2.5in Hot-Plug ,AG	345-BCVR	1	\$0.00	12	\$0.00	
Orive SED, 3DWPD 92TB Enterprise NVMe Read Intensive AG Drive U.2 Gen4	400-BKGW	1	\$0.00	6	\$0.00	
vith carrier						
Performance BIOS Settings	384-BBBL	1	\$0.00	3	\$0.00	
JEFI BIOS Boot Mode with GPT Partition	800-BBDM	1	\$0.00	3	\$0.00	
ligh Performance Fan x4	384-BDHQ	1	\$0.00	3	\$0.00	
Dual, Hot-plug, Power Supply Redundant (1+1), 1400W, Mixe Mode, NAF		1	\$0.00	3	\$0.00	
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI	1	\$0.00	6	\$0.00	
	330-BCCX	1	\$0.00	3	\$0.00	
Riser Config 1, 1 x16 LP + 2 x16 LP				3		
PowerEdge R6625 Motherboard	329-BHQD	1	\$0.00		\$0.00	
Broadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3.0	540-BCOC	1	\$0.00	3	\$0.00	
Broadcom 5720 Dual Port 1GbE Optional LOM	540-BDKD	1	\$0.00	3	\$0.00	
FRAY,W/LBLS,X8/X10,R6625	321-BIGJ	1	\$0.00	3	\$0.00	
No Bezel	350-BBBW	1	\$0.00	3	\$0.00	
BOSS Blank	403-BCID	1	\$0.00	3	\$0.00	
Enterprise Linux OS, Non Factory Installed, Requires Subscription Selection	605-BBFL	1	\$0.00	3	\$0.00	
No Media Required	605-BBFN	1	\$0.00	3	\$0.00	
RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual	528-CHFH	1	\$0.00	3	\$0.00	
Guest, Digitally Fulfilled	E20 CTIC	4	¢ስ ሰስ	2	\$0.00	
DRAC9, Enterprise 16G	528-CTIC	1	\$0.00	3	\$0.00	
Secured Component Verification	528-COYT	1	\$0.00	3	\$0.00	
No Quick Sync	350-BBXM	1	\$0.00	3	\$0.00	
DRAC, Factory Generated Password	379-BCSF	1	\$0.00	3	\$0.00	
DRAC Group Manager, Disabled	379-BCQY	1	\$0.00	3	\$0.00	
ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar	770-BECD	1	\$0.00	3	\$0.00	
lo Systems Documentation, No OpenManage DVD Kit	631-AACK	1	\$0.00	3	\$0.00	
PowerEdge R6625 Shipping	340-DDEC	1	\$0.00	3	\$0.00	
owerEdge R6625 Shipping Material 4	340-DDCC	1	\$0.00	3	\$0.00	
PowerEdge R6625 CCC Marking, No CE Marking	470-AFOR	1	\$0.00	3	\$0.00	
	709-BBFM	1	\$186.76	3	Ψ 0.00	\$560.
Basic Next Business Day 36 Months	865-BBMY	1	\$186.76	3		\$560. \$25,677.

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Dell EMC PowerEdge R6625

TPCx-AI 1.0.2 TPC Pricing 2.8.0

					Report Date	Jun. 13
	(continued from the previo	ous page)				
Description	Part Number	Source L			Extended Price 1-Yr.	Maintenance
PowerEdge R6625 Server - Worker Nodes Type 2	210-BFXO	1 \$	\$118,791.37	7	\$831,539.59	
2.5 Chassis	379-BDTF	1		7	\$0.00	
SAS/SATA/NVMe Capable Backplane	379-BDSW	1		7	\$0.00	
No Rear Storage	379-BDTE	1		7	\$0.00	
No GPU Enablement	379-BDSR	1		7	\$0.00	
Trusted Platform Module 2.0 V3	461-AAIG	1		7	\$0.00	
2.5" Chassis with up to 10 SAS4/SATA Drives including 4 Universal Slots, Front PERC 11	321-BIIO	1		7	\$0.00	
AMD EPYC 9354 3.25GHz, 32C/64T, 256M Cache (280W) DDR5-4800	338-CGXN	1		7	\$0.00	
Additional Processor Selected	379-BDCO	1		7	\$0.00	
Heatsink for 2 CPU configuration	412-ABEE	1		7	\$0.00	
Performance Optimized	370-AHLL	1		7	\$0.00	
4800MT/s RDIMMs	370-AHCL	1		7	\$0.00	
32GB RDIMM, 4800MT/s Dual Rank	370-AGZP	1		168	\$0.00	
	780-BCDS	1		7	\$0.00	
Unconfigured RAID						
PERC H755 SAS Front	405-AAZB	1		7	\$0.00	
Front PERC Mechanical Parts, rear load	750-ADRI	1		7	\$0.00	
SanDisk 16GB Ultra Flair USB 3.0 Flash Drive	SDCZ73-016G-G46	3	\$7.49	3	\$22.47	
800GB SSD SAS ISE, MU, up to 24Gbps 512e 2.5in Hot-Plug, AG Drive	345-BEPV	1		14	\$0.00	
3.84TB SSD vSAS Mixed Use 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 3DWPD	345-BCVR	15		28	\$0.00	
1.92TB Enterprise NVMe Read Intensive AG Drive U.2 Gen4 with carrier	400-BKGW	1		14	\$0.00	
Performance BIOS Settings	384-BBBL	1		7	\$0.00	
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	1		7	\$0.00	
High Performance Fan x4	384-BDHQ	1		7	\$0.00	
Dual, Hot-plug, Power Supply Redundant (1+1), 1400W, Mixed Mode, NAF		1		7	\$0.00	
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI	1		14	\$0.00	
Riser Config 1, 1 x16 LP + 2 x16 LP	330-BCCX	1		7	\$0.00	
PowerEdge R6625 Motherboard	329-BHQD	1		7	\$0.00	
Broadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3.0	540-BCOC	1		7	\$0.00	
	540-BDKD	1		7	\$0.00	
Broadcom 5720 Dual Port 1GbE Optional LOM				7		
TRAY,W/LBLS,X8/X10,R6625	321-BIGJ	1			\$0.00	
No Bezel	350-BBBW	1		7	\$0.00	
BOSS Blank	403-BCID	1		7	\$0.00	
Enterprise Linux OS, Non Factory Installed, Requires Subscription Selection	605-BBFL	1		7	\$0.00	
No Media Required	605-BBFN	1		7	\$0.00	
RHEL, 1-2SKT, Physical Node, 3YR Premium Sub, 1 Virtual Guest, Digitally Fulfilled	528-CHFH	1		7	\$0.00	
iDRAC9, Enterprise 16G	528-CTIC	1		7	\$0.00	
Secured Component Verification	528-COYT	1		7	\$0.00	
No Quick Sync	350-BBXM	1		7	\$0.00	
iDRAC,Factory Generated Password	379-BCSF	1		7	\$0.00	
iDRAC Group Manager, Disabled	379-BCQY	1		7	\$0.00	
ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar	770-BECD	1		7	\$0.00	
	631-VVCK	4		7	\$0.00	
No Systems Documentation, No OpenManage DVD Kit	631-AACK	1				
PowerEdge R6625 Shipping	340-DDEC	1		7	\$0.00	
PowerEdge R6625 Shipping Material 4	340-DDCC	1		7	\$0.00	
PowerEdge R6625 CCC Marking, No CE Marking	470-AFOR	1		7		
Basic Next Business Day 36 Months	709-BBFM	1	\$186.76	7		\$1,307.32
ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)	865-BBMY	1	\$8,559.30	7		\$59,915.10
Keyboard and Optical Mouse, USB, Black, English	570-AAKV, 580-ADJC	1	\$12.00	1	\$12.00	
Dell 24 Monitor	210-AIWG	1	\$169.99	1	\$169.99	
Mellanox MSN3420-CB2F 25GbE/100GbE Switch	920-9N213-00F7-0X0		\$16,661.00	1	\$16,661.00	
NVIDIA ENT Business Critical Support ServNVIDIA ENT Business Critical Support	780-C34N4Z+P2CMI12	2	\$2,667.00	1	210,001.00	\$2,667.00
Services 4HR On-Site CE for SN3420 - 12.0 Months						
				Subtotal	\$1,290,977.95	\$98,873.66

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Dell EMC PowerEdge R6625

TPCx-AI 1.0.2
TPC Pricing 2.8.0
Report Date Jun. 13, 2023

			report	Date	0011. 10, 2020
	(continued from the previ	ous page)			
Description	Part Number	Source List Price Qty	Exten	ded Price	1-Yr. Maintenance
	AB242979	1 \$15,000.00	1 \$	515,000.00	
Cloudera SEL Data Platform Private Cloud Base Edition Subscription per compute node, Business Level Suppo	•				
Cloudera SEL Data Platform Private Cloud Base Edition	AB352445	1 \$15,229.50	10 \$1	152,295.00	
Subscription per storage node, Business Level Support	•				
RHEL, 1-2SKT, Physical Node, 1YR Premium Sub, 1 Virtu Guest, Digitally Fulfilled	ual 528-CHFJ	1 \$1,299.00	11 \$	514,289.00	
, ,		Subto	otal \$1	181,584.00	\$0.00
		Total Large Purchase Discount (4	. ,	172,561.95 555,155.43	\$98,873.66 -\$43,293.00
Pricing: 1 = Dell; 2 = NVIDIA; 3 = Amazon		Total System C	ost (US	3D):	\$872,988
* Discount applies to all line items where Key total system cost as purchased by a regular	AIUCpm@1000:			3,258.01	
S: One or more components of the measure substituted in the priced configuration. See the	d configuration have been	\$/AIUC	pm@10)00:	\$267.96

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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Dell EMC PowerEdge R6625

TPCx-AI 1.0.2
TPC Pricing 2.8.0
Report Date Jun. 13, 2023

Numerical Quantities

AIUCpm@1000	3,258.01	T_Load	927.49
Scale Factor	1,000	T_{LD}	927.49
Streams	4	T_{PTT}	492.14
		T_{PST1}	57.00
Kit Version	1.0.2	T_{PST2}	57.36
Execution Status	Pass	T_{PST}	57.36
Accuracy Status	Pass	T_{TT}	43.93

Test Times

l'est limes	
Overall Run Start Time	2023-06-07 22:35:25.028
Overall Run End Time	2023-06-08 04:20:10,222
Overall Run Elapsed Time	20,685.194
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Load Test Start Time	2023-06-07 23:17:13.748
Load Test End Time	2023-06-07 23:32:43,409
Load Test Elapsed Time	929.661
	3_3,33
Power Training Start Time	2023-06-07 23:32:43.411
Power Training End Time	2023-06-08 02:54:56.659
Power Training Elapsed Time	12,133.248
	ŕ
Power Serving 1 Start Time	2023-06-08 02:54:56.662
Power Serving 1 End Time	2023-06-08 03:17:56.895
Power Serving 1 Elapsed Time	1,380.233
	ŕ
Power Serving 2 Start Time	2023-06-08 03:17:56.898
Power Serving 2 End Time	2023-06-08 03:41:00.813
Power Serving 2 Elapsed Time	1,383.915
·	·
Scoring Start Time	2023-06-08 03:45:30.011
Scoring End Time	2023-06-08 03:50:41.962
Scoring Elapsed Time	311.951
Throughput Start Time	2023-06-08 03:50:41.966
Throughput End Time	2023-06-08 04:20:10.221
Throughput Elapsed Time	1,768.255

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Dell EMC PowerEdge R6625

TPCx-AI 1.0.2 TPC Pricing 2.8.0

		K	bb25	1	Report Date	Jun. 13, 2023
		Numerical Qu	antities (continue	<u>al)</u>		
		Use Case T	imes & Accuracy			
Use Case	Training (sec)		Serving 2 (sec)	Through	out (avg)	Accuracy
UC01	523.703	51.215	49.736		56.083	0.000
UC02 UC03	1,813.764 95.795		88.783 12,811		129.274 13.840	0.438 4.575
UC04	59.080	25.475	25.489		31.016	0.712
UC05 UC06	943.023 435.865		78.351 33.071		91.615 37.121	0.033 0.214
UC07	433.585		15.300		17.143	1.653
UC08	1,940.283		341.811		372.418	0.750
UC09 UC10	5,448.735 818.635		699.631 28.190		745.458 31.162	1.000 0.817
		()				
Use Case S	Serving Time	s (sec.)	■ Servir	ng 1 ■ Servi	ng 2 ■Thro	ughput (Avg)
800 ———						
700						
600						
500					-	
400					-	
200						
300						
200 —						
100 —	_					
100		اللا موري	mr			
0 1	2 3	4 5	6 7	8	9	10