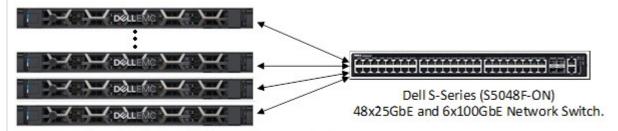
DØLLEMC		Dell Pow R74	O	TPCx-IoT TPC-Pricing Report Date: April (v2.0.0 v2.3.0 02, 2021		
Total System Cost		TPCx-IoT Perfo	rmance Metric	Price/Performance			
265,084 USD		354,811.	45 IoTps	747.12 USD \$/kIoTps			
Number of Records	DBMS Software	Operating System	Other Software	Availability	Date		
600 Millions	HBase 2.0.0 on Cloudera Distribution for Apache Hadoop 6.0	Red Hat Enterprise Linux Server Release 7.5	None	May 24, 20	019		

System Configuration

1x Dell PowerEdge R7415 Server (Master Node) 1x AMD EPYC 7401P 24-Core Processor 256 GB (8x 32GB RDIMM 2666MT/s Dual Rank) 1x 240GB SSD SATA 2.5in Hot-plug Drive 1x Mellanox Dual Port 25GbE SFP28 NIC



7x Dell PowerEdge R7415 Servers (Data Nodes)
1x AMD EPYC 7401P 24-Core Processor
256 GB (8x 32GB RDIMM 2666MT/s Dual Rank)
1x 240GB SSD SATA 2.5in Hot-plug Drive
1x 1.6 TB Dell NVMe
1x Mellanox Dual Port 25GbE SFP28 NIC

Total Number of Servers:		8x Dell PowerEdge R7415				
Total Processors/Cores/Threads	:	8/192/384				
Server Configuration (each)	Processors	1x AMD EPYC 7401P 2.0GHz 24-Core				
	Memory	256GB				
	Storage Controller	Perc H740P				
	Storage Device	1x 240GB SSD SATA (all nodes)				
	7x	1x Dell 1.6TB NVMe (Data Nodes)				
	Network	1x Mellanox Dual Port 25GbE SFP28 NIC				
	Connectivity:	Dell S-Series (S5048F-ON) Network Switch				
Total Rack Units:		(8xR7415) + (1xS5048F) = (8x2) + (1x1) = 17RU				



TPCx-IoT v2.0.0

TPC-Pricing

Report Date: April 02, 2021

v2.3.0

Description Qty Extended Price 3 yr. Maint. Price ARDWARE COMPONENTS PowerEdge R7415 Server PowerEdge R6415/R7415 Motherboard No Trusted Platform Module Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	210-ANKR 384-BBSR 461-AADZ 321-BDEL 340-BYTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCMS 405-AAMS 421-4727 357-BBKT 379-BCSF		\$23,619.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	7 7 7 7 7 7 7 7 7	\$165,333.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Unit Price
Qty Extended Price 3 yr. Maint. Price ARDWARE COMPONENTS PowerEdge R7415 Server PowerEdge R6415/R7415 Motherboard No Trusted Platform Module Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDHMS Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	210-ANKR 384-BBSR 461-AADZ 321-BDEL 340-BVTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AADP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7 7 7 7	\$165,333.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	GINETIC
IARDWARE COMPONENTS PowerEdge R7415 Server PowerEdge R6415/R7415 Motherboard No Trusted Platform Module Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	210-ANKR 384-BBSR 461-AADZ 321-BDEL 340-BVTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AADP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
PowerEdge R6415/R7415 Motherboard No Trusted Platform Module Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install.x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	384-BBSR 461-AADZ 321-BDEL 340-BYTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNZ 370-AADZ 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
No Trusted Platform Module Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AND EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	461-AADZ 321-BDEL 340-BVTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
Chassis with up to 24 x 2.5" Drives including Maximum of 8 SAS/SATAor up to 23 NVMe Drives PowerEdge R7415 Shipping PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	321-BDEL 340-BVTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
PowerEdge R7415 Xhipping PowerEdge R7415 X4 or X10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install.x64,Req Lic⋐ Selection iDRAC9.Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	340-BVTK 343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00 0.00	
PowerEdge R7415 x4 or x10 Drive Shipping Material AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC_Enterprise iDRAC Group Manager, Disabled iDRAC_Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	343-BBGJ 338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00	7 7 7 7 7 7	0.00 0.00 0.00 0.00 0.00	
AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666 Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	338-BNCT 322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00	7 7 7 7 7	0.00 0.00 0.00 0.00	
Standard Heatsink 2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	322-BBBL 370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1 1	0.00 0.00 0.00 0.00 0.00	7 7 7 7	0.00 0.00 0.00	
2666MT/s RDIMMs Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	370-ADNU 370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1 1	0.00 0.00 0.00 0.00	7 7 7	0.00 0.00	
Performance Optimized Unconfigured RAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	370-AAIP 780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1	0.00 0.00 0.00	7 7	0.00	
Unconfigured AAID PERC H740P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	780-BCDS 405-AAMS 421-4727 385-BBKT 379-BCQY	1 1 1	0.00 0.00	7		
PERC H-40P RAID Controller, 8GB NV Cache, Mini card Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	405-AAMS 421-4727 385-BBKT 379-BCQY	1 1	0.00			
Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	421-4727 385-BBKT 379-BCQY	l		7	0.00	
iDRAC9,Enterprise iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2×16 LP On-Board LOM	385-BBKT 379-BCQY		\$0.00		0.00	
iDRAC Group Manager, Disabled iDRAC,Factory Generated Password Riser Config 1, 2 x 16 LP On-Board LOM	379-BCQY	- 1		3	\$0.00	
iDRAC, Factory Generated Password Riser Config 1, 2 \times 16 LP On-Board LOM			0.00	7	0.00	
Riser Conlig 1, 2 x 16 LP On-Board LOM	270 DCCE	1	0.00	7	0.00	
On-Board LOM		1	0.00	7	0.00	
	330-BBJH	1	0.00	7	0.00	
	542-BBBP	1	0.00	7	0.00	
No Internal Optical Drive	429-AAIQ	1	0.00	7	0.00	
Dual, Hot-plug, Redundant Power Supply (1+1) 495W for x24 chassis	450-AGZB	1	0.00	7	0.00	
	350-BBBW	1	0.00	7	0.00	
Dell EMC Luggage Tag	350-BBMI	1	0.00	7	0.00	
No Quick Sync	350-BBKU	1	0.00	7	0.00	
Performance BIOS Settings	384-BBBL	1	0.00	7	0.00	
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	1	0.00	7	0.00	
ReadyRails Sliding Rails With Cable Management Arm	770-BBBR	1	0.00	7	0.00	
No Systems Documentation, No OpenManage DVD Kit	631-AACK	1	0.00	7	0.00	
US Order	332-1286	1	0.00	7	0.00	1 400 00
Dell Hardware Limited Warranty Plus On-Site Service	816-3842	1	\$200.00	7		1,400.00
ProSupport Mission Critical: 7x24 HW / SW Technical Support and Assistance, 3 Years	816-3859	1	\$1,438.00	7		10,066.00
3 Years ProSupport and Mission Critical 4Hr Onsite Service	816-3843	1	\$262.00	7		1,834.00
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	1	\$0.00	7		0.00
On-Site Installation Declined	900-9997	1	\$0.00	7	80.00	0.00
32GB RDIMM 2666MT/S Dual Rank	370-ADNF	1	\$0.00	56	\$0.00	
240GB SSD SATA Mixed Use 6Gbps 512e 2.5in Hot Plug S4610 Drive	400-BDSS	,	\$0.00	7	\$0.00	
Dell 1.6TB, NVMe, Mixed Use Express Flash, 2.5 SFF Drive, U.2, PM1725a with Carrier	400-AWLD	1	\$0.00	7	\$0.00	
Mellanox ConnectX-4 Lx Dual Port 25GbE SFP28 Network Adapter, Low Profile	406-BBLD	l	\$0.00	7	\$0.00	
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI	l	\$0.00	14	\$0.00	
Dell EMC S5048F-ON Switch,48x 256bE,6x 1006bE QSFP28, 10 to PSU,2 PSU,0S10	210-ANRH	1	\$25,129.00	1	25,129.00	
QSFP28, 10 to PSU airflow, 2x PSU, OS9Software, Rights to use L3 on OS9, S5048-ON	634-BQCB	l	\$0.00	1	\$0.00	
Dell Networking, Cable, SFP28 to SFP28, 25GbE, Passive Copper Twinax Direct Attach Cable, 2 Meter	470-ACET	1	\$0.00	7	\$0.00	
Dell EMC S5048 Series User Guide	343-BBGU	l	\$0.00	1	\$0.00	
US No Canada Ship Charge	332-1286	l	\$0.00	1	\$0.00	
Force10, Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13, S-Series Dell Hardware Limited Warranty 1 Year	450-AAFH	1 1	\$0.00	2	\$0.00	499.00
•	815-5868 815-5876	l l	\$422.00 \$111.00	l l		422.00 111.00
ProSupport Mission Critical Package: 4-Hour 7x24 On-Site Service withEmergency Dispatch, 1 Year ProSupport Mission Critical Package: 4-Hour 7x24 On-Site Service withEmergency Dispatch, Extended to 2 Years	815-5877	l l	\$111.00 \$423.00	l		423.00
ProSupport Mission Critical:7x24 HW/SW Technical Support and Assistance, 3 Years	815-5887	l l	\$5,956.00	1		5,956.00
Dell Limited Hardware Warranty Extended Year(s)	975-3461	l	\$5,950.00 \$0.00	l		5,950.00 0.00
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	l l	\$0.00 \$0.00	7		0.00
Info 3rd Party Software Warranty provided by Vendor	997-6306	l	\$0.00 \$0.00	1		0.00
On-Site Installation Declined	900-9997	1	\$0.00 \$0.00	1		0.00
APC NetShelter SX 24U 600mm x 1070mm Deep Enclosure	A7067508	l	\$1,079.99	1	1,079.99	0.00
Rack PDU, Basic, Zero U, 15A, 120V, 5-15 input, (14) 5-15 output	A7541364	1	\$1,079.99 \$174.99	1	1,079.99	
Logitech MK120 Keyboard and Mouse	A6999510	l	\$174.99 \$15.99	1	15.99	
Dell 24 Monitor	210-AIWG	1	\$15.99 \$0.00	1	0.00	
200 21 300000	-10 11110	•	90.00	- 1	0.00	



TPCx-IoT v2.0.0 TPC-Pricing v2.3.0

Report Date: April 02, 2021

Description	0 Maint Duine			Part Number	Key Unit Price	Qty
PowerEdge R7415 Server	3 yr. Maint. Price 210-ANKR	1	\$20,360.00	1	\$20,360.00	
PowerEdge R7413 Server PowerEdge R6415/R7415 Motherboard	384-BBSR	l	\$20,300.00	1	\$0.00	
No Trusted Platform Module	461-AADZ	l	\$0.00	1	\$0.00 \$0.00	
2.5" Chassis with up to 10 Hard Drives, including up to 8 SAS/SATA or 9 NVME Drives	321-BDEL	1	\$0.00	1	\$0.00	
PowerEdge R7415 Shipping	340-BVTK	1	\$0.00	1	\$0.00	
PowerEdge R7415 x4 or x10 Drive Shipping Material	343-BBGJ	l	\$0.00	1	\$0.00	
AMD EPYCTM 7401P 2.0GHz/2.8GHz, 24C/48T, 64M Cache (155W/170W) DDR4-2400/2666	338-BNCT	1	\$0.00	1	\$0.00	
Standard Heatsink	322-BBBL	1	\$0.00	1	\$0.00	
266MT/s RDIMMs	370-ADNU	l	\$0.00	1	\$0.00	
Performance Optimized	370-AAIP	1	\$0.00	1	\$0.00	
Unconfigured RAID	780-BCDS	l	\$0.00	1	\$0.00	
PERC H740P RAID Controller, 8GB NV Cache, Mini card	405-AAMS	1	\$0.00	1	\$0.00	
Red Hat Enterprise Linux Non Factory Install,x64,Req Lic⋐ Selection	421-4727	1	\$0.00	3	\$0.00	
iDRAC9,Enterprise	385-BBKT	ì	\$0.00	1	\$0.00	
iDRAC Group Manager, Disabled	379-BCQY	ì	\$0.00	1	\$0.00	
iDRAC, Factory Generated Password	379-BCSF	l	\$0.00	1	\$0.00	
Riser Config 1, 2 x 16 LP	330-BBJH	l	\$0.00	1	\$0.00 \$0.00	
On-Board LOM	542-BBBP	l	\$0.00	1	\$0.00 \$0.00	
No Internal Optical Drive	429-AAI0	l	\$0.00	1	\$0.00	
Dual, Hot-plug. Redundant Power Supply (1+1) 750W for x24 chassis	450-AGUL	l	\$0.00	1	\$0.00	
No Bezel	325-BCHU	l	\$0.00	1	\$0.00	
Dell EMC Luggage Tag	350-BBMI	l	\$0.00	1	\$0.00	
No Quick Sync	350-BBKU	l	\$0.00	1	\$0.00	
Performance BIOS Settings	384-BBBL	1	\$0.00	1	\$0.00	
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	l	\$0.00	1	\$0.00	
ReadyRails Sliding Rails With Cable Management Arm	770-BBBR	1	\$0.00	1	\$0.00	
No Systems Documentation, No OpenManage DVD Kit	631-AACK	1	\$0.00	1	\$0.00	
US Order	332-1286	1	\$0.00	1	\$0.00	
Dell Hardware Limited Warranty Plus On-Site Service	816-3842	1	\$200.00	1	90.00	\$200.0
ProSupport Mission Critical: 7x24 HW / SW Technical Support and Assistance, 3 Years	816-3859	l	\$262.00	1		\$262.0
3 Years ProSupport and Mission Critical 4Hr Onsite Service	816-3843	l	\$1,438.00	1		\$1,438.0
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800-945-	010-0010	1	\$0.00	1		\$0.0
3355	989-3439	1	90.00	1		90.0
On-Site Installation Declined	900-9997	1	\$0.00	1		\$0.0
32GB RDIMM 2666MT/s Dual Rank	370-ADNF	1	\$0.00	8	\$0.00	
240GB SSD SATA Boot 6Gbps 512n 2.5in Hot-plug Drive, 1 DWPD, 219 TBW	400-BDSS		\$0.00	1	\$0.00	
Mellanox ConnectX-4 Lx Dual Port 25GbE SFP28 Network Adapter, Low Profile	406-BBLD	1	\$0.00	1	\$0.00	
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI	1	\$0.00	2	\$0.00	
Sub Total					\$20,360.00	\$1,900.0
HARDWARE COMPONENTS				Subtotal	\$212,092.97	\$22,112.0
SOFTWARE COMPONENTS					¥===,0, =1 /,	V==,112.0
Cloudera Enterprise Operational DB Edition, Node License, 24x7, 1YR	CEODN-GOLD	1	\$6,000.00	24		\$144,000.0
1 1		1		0		
Red Hat Enterprise Linux,1-2SKT,3yr Premium Subscription,1 Virtual Guest	421-5721	I	\$3,702	Cubasas	© 0.00	\$29,616.0
SOFTWARE COMPONENTS				Subtotal	\$0.00	\$173,616.0
Total					\$212,092.97	\$195,728.0
Large Purchase Discount (35%)*					-74,232.54	-68,504.8
Pricing: 1 Dell EMC	Thre	ee-Y	ear Cost O	wnership:	<u> </u>	\$265,08
* Discount based upon total				IoTps:		354,811.4
system cost as purchased by a				•		
regular customer.				\$/kIoTps:		\$747.12

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. 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 components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org.



TPCx-IoT v2.0.0

TPC-Pricing v2.3.0

Report Date: April 02, 2021

Measurement Results for Performance Run

Total Number of Records 600 Millions

Warmup Run - Start Time 2019-02-10 21:21:37 Warmup Run - End Time 2019-02-10 22:08:45

Warmup Run Elapsed Time in Seconds 2,826.715

 Measured Run Start Time
 2019-02-10 22:08:45

 Measured Run End Time
 2019-02-10 22:36:57

Total Time In Seconds 1,691.039

Measurement Results for Repeatability Run

Total Number of Records 600 Millions

Warmup Run Start Time 2019-02-10 22:49:56 Warmup Run End Time 2019-02-10 23:33:25

Warmup Run Elapsed Time in Seconds 2,608.359

 Measured Run Start Time
 2019-02-10 23:33:25

 Measured Run End Time
 2019-02-11 00:01:22

Total Time In Seconds 1,676.257



TPCx-IoT v2.0.0

TPC-Pricing v2.3.0

Report Date: April 02, 2021

Run Report for Performance Run

TPCx-IoT Performance Metric (IoTps) Report

Total Time For Warmup Run In Seconds = 2,826.72

Total Time In Seconds = 1,691.04

Total Number of Records = 600 Millions

TPCx-IoT Performance Metric (IoTps): 354,811.45

Run Report for Repeatability Run

TPCx-IoT Performance Metric (IoTps) Report

Total Time For Warmup Run In Seconds = 2,608.36

Total Time In Seconds = 1,676.26

Total Number of Records = 600 Millions

TPCx-IoT Performance Metric (IoTps): 357,940.34
