

# Exhibit A - Data Center Equipment

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Product	Manufacturer	Model	Description	Qty
Core/Aggregation	Cisco	ASR-9901-256G	ASR 9901 Chassis PayG 256G Base HW PID	2
Core/Aggregation	Cisco	A9K-SW-MANAGER-CD	ASR 9000 Software Manager CD	2
Core/Aggregation	Cisco	XR-A9K-X64K9-07.1	Cisco ASR 9000 64-BIT IOS XR Software 3DES	2
Core/Aggregation	Cisco	A9K-OTHER	ASR9000; Other Network Applications; For Tracking Only	2
Core/Aggregation	Cisco	ASR-9901-FAN	ASR 9901 Fan Tray	6
Core/Aggregation	Cisco	ASR-9901-2P-KIT	ASR 9901 2 Post Mounting Kit for 19 & 23 in Rack	2
Core/Aggregation	Cisco	A9K-1600W-DC	ASR 9900 Series 1600W DC Power Supply for ASR-9901	4
Core/Aggregation	Cisco	PWR-2KW-DC-CBL	Power Cord - 2KW DC	4
Core/Aggregation	Prolab	SFP-10G-SR-C	Cisco SFP-10G-SR Compatible TAA Compliant 10GBaseSR SFP+ Transceiver (MMF, 850nm, 300m, LC, DOM)	31
Core/Aggregation	Arbor	SP-FXP-CORE-1	SP Flex Purchase - Core Router License Perpetual SP software license for monitoring 1 Core router and 10,000 FPS. Customers must purchase M&S separately	2
Core/Aggregation	Arbor	AIF-SP-FXP-CORE-1-STD-1YR	Sightline FXP - Subscription to ATLAS Intelligence Feed (3YR)	2
Core/Aggregation	Arbor	S-SEN-FXP-F10K	Sightline Sentinel Purchase - 10K FPS Perpetual Sightline Software License adding Sentinel functionality to Sightline. Enables 10,000 FPS. Requires Sightline deployment. The licensed Sentinel FPS must equal the licensed Sightline deployment FPS. M&S sold separately	2
Core/Aggregation	Prolab	QSFP-100GAOC3M-C	Cisco QSFP-100G-AOC3M Compatible TAA Compliant 100GBase-AOC QSFP28 to QSFP28 Direct Attach Cable (850nm, MMF, 3m)	2
Core/Aggregation	Prolab	SFP-10G-ER-C	Cisco SFP-10G-ER Compatible TAA Compliant 10GBaseER SFP+ Transceiver (SMF, 1550nm, 40km, LC, DOM)	2
Core/Aggregation	Fortinet	14290108	FORTINET FORTIGATE 200F - SECURITY APPLIANCE - WITH 3 YEARS FORTICARE 24X7 COMPREHENSIVE SUPPORT + 3 YEARS FORTIGUARD - GIGE - 1U - RACK-MOUNTABLE	2
Core/Aggregation	Prolab	SFP-10G-LR-C	Cisco SFP-10G-LR Compatible TAA Compliant 10GBaseLR SFP+ Transceiver (SMF, 1310nm, 10km, LC, DOM)	10
Core/Aggregation	Prolab	GLC-SX-MMD		5
IP Service Edge	A10	TH1040-010-2PS-CGN	Thunder 1040 CGN, 1U, 1xCPU, 5xGoC,4x10GF, 8 GB, SSD, no LOM, No SSL, Dual PS	2
IP Service Edge	A10	AXSK-SFP+ SR	10 Gig SFP+ Fiber transceiver - Short Range (mfg pn FTLX8574D3BCL)	8
IP Service Edge	A10	PS-IMPLEMENTAT ION-3DAY-REMOTE	Pre-paid. Three day implementation. Remote delivery.	1
Access Network	Calix	000-00372	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit	2
Access Network	Calix	100-04665	E7-2 GPON-8 r2 card	2

Product	Manufacturer	Model	Description	Qty
Access Network	Calix	100-01508	10GE XFP, Single Mode dual fiber transceiver, 10Km, 1310nm, LC, I-Temp	4
Access Network	Calix	100-01424	Direct Attach SFP/SFP+ copper cable, 0.5 m, 30AWG, I-TempCLEI: BVPQAE5UAA	2
Access Network	Calix	100-05121	GPON SFP OIM, Class B+, 20Km, 1490/1310nm Single Fiber Transceiver, C-Temp, AXOS	8
Access Network	Calix	100-05071	GPON SFP OIM, Class C+, 60Km, 1490/1310nm Single Fiber Transceiver, I-Temp, AXOS	2
Access Network	Calix	000-00372	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Ki	2
Access Network	Calix	100-04665	E7-2 GPON-8 r2 card	2
Access Network	Calix	100-01508	10GE XFP, Single Mode dual fiber transceiver, 10Km, 1310nm, LC, I-Temp	4
Access Network	Calix	100-01424	Direct Attach SFP/SFP+ copper cable, 0.5 m, 30AWG, I-Temp	2
Access Network	Calix	100-05121	GPON SFP OIM, Class B+, 20Km, 1490/1310nm Single Fiber Transceiver, C-Temp, AXOS	8
Access Network	Calix	100-05071	GPON SFP OIM, Class C+, 60Km, 1490/1310nm Single Fiber Transceiver, I-Temp, AXOS	2
Access Network	Calix	000-00372	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit	1
Access Network	Calix	100-04665	E7-2 GPON-8 r2 card	2
Access Network	Calix	100-01508	10GE XFP, Single Mode dual fiber transceiver, 10Km, 1310nm, LC, I-Temp	4
Access Network	Calix	100-05121	GPON SFP OIM, Class B+, 20Km, 1490/1310nm Single Fiber Transceiver, C-Temp, AXOS	8
Access Network	Calix	100-05071	GPON SFP OIM, Class C+, 60Km, 1490/1310nm Single Fiber Transceiver, I-Temp, AXOS	4
Access Network	Calix	110-01337	Implementing E7-2 AXOS AnyPON Data Services (1/2 day) (public, virtual)	1
Access Network	Calix	110-01430	Essential Support Entitlement	500
Access Network	Calix	130-00491	AXOS Framework per Subscriber Annual Term License	1
Business Network	Vmware	VS7-ESSL-KIT-C	VSPH 7 ESS KIT 3 HOSTS MAX 2 PROC HOST	1
Business Network	Vmware	VS7-ESSL-SUB-C	SUB ONLY VSPH 7 ESS KIT 1YR	1
Business Network	efficient IP	SDS-270-DDI-SA	SOLIDserver 270 software appliance DNS-DHCP-IPAM Services	2
Business Network	efficient IP	PSD-CLT	Professional Services - Time & Material Engagement (Use or Lose) for Expertise/Consulting (Daily cost) - Statement of Work Required	5
Business Network	Observium	Observprof	Observium Professional - 1 year	1
Business Network	APC	SRT5KRMXLT-5KTF	APC Smart-UPS SRT 5000VA RM 208V to 120V 2U Step-Down Transformer	1
Business Network	Cisco	HX-E-M5S-HXDP	Cisco HyperFlex M5 Edge Hybrid & All Flash (w/o FI)	1
Business Network	Cisco	HX-E-220M5SX	Cisco HyperFlex Hybrid Edge 220 M5 system	2
Business Network	Cisco	HX-MR-X32G2RT-H	32GB DDR4-2933-MHz RDIMM/2Rx4/1.2v	8
Business Network	Cisco	HX-SAS-M5	Cisco 12G Modular SAS HBA (max 16 drives)	2
Business Network	Cisco	HX-HD12TB10K12N	1.2 TB 12G SAS 10K RPM SFF HDD	8
Business Network	Cisco	HX-SD480G63X-EP	480GB 2.5in Enterprise Performance 6GSATA SSD(3X endurance)	2

Product	Manufacturer	Model	Description	Qty
Business Network	Cisco	HX-SD240GM1X-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	2
Business Network	Cisco	HX-M2-240GB	240GB SATA M.2	2
Business Network	Cisco	HX-PSU1-1050W	Cisco UCS 1050W AC Power Supply for Rack Server	2
Business Network	Cisco	CAB-N5K6A-NA	Power Cord, 200/240V 6A North America	2
Business Network	Cisco	HX-MSD-32G	32GB Micro SD Card for UCS M5 servers	2
Business Network	Cisco	HX-RAILB-M4	Ball Bearing Rail Kit for C220 M4 and C240 M4 rack servers	2
Business Network	Cisco	HX-E-220C-BZL-M5	HX220C M5 EdgeSecurity Bezel	2
Business Network	Cisco	UCSC-PSU-M5BLK	Power Supply Blanking Panel for M5 servers	2
Business Network	Cisco	UCS-MSTOR-M2	Mini Storage carrier for M.2 SATA/NVME (holds up to 2)	2
Business Network	Cisco	UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	8
Business Network	Cisco	UCSC-HS-C220M5	Heat sink for UCS C220 M5 rack servers 150W CPUs & below	4
Business Network	Cisco	HX-CPU-I4208	Intel 4208 2.1GHz/85W 8C/11MB DDR4 2400MHz	4
Business Network	Cisco	HX-E-TOPO1	10GbE Single or Dual Switch (2, 3, or 4 node)	2
Business Network	Cisco	HX-MLOM-C25Q-04	Cisco UCS VIC 1457 Quad Port 10/25G SFP28 CNA MLOM	2
Business Network	Cisco	HX-VSP-6-7-FNDR2-D	Factory Installed vSphere 6.7 2-CPU Enduser provides License	2
Business Network	Cisco	HX-VSP-6-7-FNDR-DL	Factory Installed - VMware vSphere 6.7 Fnd SW Download	2
Business Network	Cisco	HXDP-E001-3YR=	HyperFlex Data Platform Edge Advantage 3 Yr	2
Business Network	Cisco	HXDPE001-3YR		2
Business Network	Cisco	DC-MGT-SAAS	Cisco Intersight SaaS	1
Business Network	Cisco	SVS-DCM-SUPT-BAS	Basic Support for DCM	2
Business Network	Cisco	DC-MGT-IMCS-1S	IMC Supervisor - Advanced - 1 Server License	2
Business Network	Cisco	DC-MGT-UCSC-1S	UCS Central Per Server - 1 Server License	2
Business Network	Cisco	DC-MGT-SAAS-EST-C	Cisco Intersight SaaS - Essentials	2
Business Network	Cisco	C9300-24T-E	Catalyst 9300 24-port data only, Network Essentials	2
Business Network	Cisco	C9300-NW-E-24	C9300 Network Essentials, 24-port license	2
Business Network	Cisco	SC9300UK9-173	UNIVERSAL	2
Business Network	Cisco	PWR-C1-350WAC-P	350W AC 80+ platinum Config 1 Power Supply	2
Business Network	Cisco	PWR-C1-350WAC-P/2	350W AC 80+ platinum Config 1 Secondary Power Supply	2
Business Network	Cisco	CAB-TA-NA	North America AC Type A Power Cable	4
Business Network	Cisco	C9300-SSD-NONE	No SSD Card Selected	2
Business Network	Cisco	STACK-T1-3M	3M Type 1 Stacking Cable	2
Business Network	Cisco	C9300-SPWR-NONE	No Stack Power Cable Selected	2
Business Network	Cisco	C9300-DNA-E-24	C9300 DNA Essentials, 24-Port Term Licenses	2
Business Network	Cisco	C9300-DNA-E-24-3Y	C9300 DNA Essentials, 24-Port, 3 Year Term License	2
Business Network	Cisco	C9300-NM-8X	Catalyst 9300 8 x 10GE Network Module	2
Business Network	Cisco	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2
Business Network	Uplogix	83X-16S-100-NAA	Uplogix LM83X Local Manager, 16 serial ports, 3 ethernet ports, LMS	1
Business Network	Uplogix	61-9600-10	Uplogix Control Center Software, 10 local managers	1