

ASI System Integration, Inc.

Server Solutions for the NYC DOE
2016-2021

asi



our team



- ASI has a dedicated NYCDOE team for account management, services, and escalations.

Account Team	Title	Phone	Email
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- » Standard Server Configuration and Integration are available on FAMIS.
- » Please contact us at any point with questions or for Custom Server Configurations.

Vendor No. = ASI074058
DOE Contract# = B273011
OLS Log# = REG50816

simple step by step instructions



ASI has been serving the information and instructional technology needs of the NYC DOE for 9 years.

Our three step turnkey solution provides for user-friendly set up with the flexibility to customize server integration and training.

Step 1: We will work with you and your team to choose the right server to meet your current and future needs.

Step 2: We will deliver, configure and install your server based on your server requirements.

Step 3: We will manage knowledge transfer and professional development for your administrator, teacher and technical teams.

who benefits from Server Installations?

Students, Teachers and Administrators all Benefit from a Server Installation!

- » Retrieve project work from any instructional computer in the school
- » Centralized storage of student published work ensures secure access for students and teachers
- » Store, back up and recover important instructional administrative data
- » Implement instructional applications to increase student achievement
- » Control user privileges, programs and applications for security and improved performance
- » Effectively manage and optimize data, storage and new technology initiatives

Call us to find out how Server and Storage Technologies can help your School!

school base servers - HPE

Standard School Server

HPE DL360 Gen10 8SFF CTO Server
HPE DL360 Gen10 Xeon-G 5118 FIO Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit
HPE 1TB SAS 7.2K SFF SC DS HDD (2)
HPE 96W Smart Storage Battery 145mm Cbl
HPE Smart Array P408i-a SR Gen10 Ctrlr
HPE 500W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE 1U Gen10 SFF Easy Install Rail Kit
HPE LCD 8500 1U Console US Kit
HPE T1500 G4 NA/JP UPS
HPE 3Y Foundation Care 24x7 Service
HPE DL360 Gen10 Support

\$7,177.65

Mid-Range School Server

HPE DL360 Gen10 8SFF CTO Server
HPE DL360 Gen10 Xeon-G 5118 FIO Kit
HPE DL360 Gen10 Xeon-G 5118 Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit (2)
HPE 1TB SAS 7.2K SFF SC DS HDD (4)
HPE 300GB SAS 15K SFF SC DS HDD (2)
HPE 96W Smart Storage Battery 145mm Cbl
HPE Smart Array P408i-a SR Gen10 Ctrlr
HPE 500W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE 1U Gen10 SFF Easy Install Rail Kit
HPE LCD 8500 1U Console US Kit
HPE T1500 G4 NA/JP UPS
HPE RDX 2TB Removable Disk Cartridge (2)
HPE 3Y Foundation Care 24x7 Service
HPE DL360 Gen10 Support

\$10,632.55

Advanced School Server

HPE DL380 Gen10 12LFF CTO Server
HPE DL380 Gen10 6130 Xeon-G FIO Kit
HPE DL380 Gen10 6130 Xeon-G Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit (6)
HPE 4TB SAS 7.2K LFF SC DS HDD (6)
HPE 480GB SATA RI LFF SCC DS SSD (2)
HPE DL38X Gen10 12Gb SAS Expander
HPE 96W Smart Storage Battery 145mm Cbl
HPE Smart Array P408i-a SR Gen10 Ctrlr
HPE Ethernet 1Gb 4P 331FLR Adptr
HPE 800W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE 2U LFF Easy Install Rail Kit
HPE RDX 2TB Removable Disk Cartridge (2)
HPE LCD 8500 1U Console US Kit
HPE T1500 G4 NA/JP UPS
HPE 3Y Foundation Care 24x7 Service
HPE DL38x Gen10 Support

\$16,236.04

Includes delivery and installation, one day of standard integration, and one day of knowledge transfer

admin base servers - HPE

Admin Base Server

HPE DL360 Gen10 8SFF CTO Server
HPE DL360 Gen10 Xeon-G 5118 FIO Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit
HPE 300GB SAS 15K SFF SC DS HDD (2)
HPE 96W Smart Storage Battery 145mm Cbl
HPE Smart Array P408i-a SR Gen10 Ctrlr
HP Raid 1 Drive 1 FIO Setting
HPE 500W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE 1U Gen10 SFF Easy Install Rail Kit
HPE LCD 8500 1U Console US Kit
HPE R/T3000 G4 HV NA/JP UPS

\$5,926.00

Admin Mid-Range Server

HPE DL360 Gen10 8SFF CTO Server
HPE DL360 Gen10 Xeon-G 5118 FIO Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit (12)
HPE DL360 Gen10 2SFF SAS/SATA Bkpln Kit
HPE 2TB SAS 7.2K SFF SC 512e DS HDD (8)
HPE 300GB SAS 15K SFF SC DS HDD (2)
HPE Smart Array P408i-p SR Gen10 Ctrlr
HPE Ethernet 1Gb 2P 332T Adptr
HPE 96W Smart Storage Battery 145mm Cbl
HPE Smart Array P408i-a SR Gen10 Ctrlr
HP Customer Defined RAID Setting SVC
HPE 500W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE 1U Gen10 SFF Easy Install Rail Kit
HPE LCD 8500 1U Console US Kit
HPE R/T3000 G4 HV NA/JP UPS

\$14,497.71

System Integrators provide delivery and installation, one day of standard integration, and one day of knowledge transfer

ipdvs high end server - HPE

IPDVS High End Server

HPE ML350 Gen10 LFF CTO Server
HPE ML350 Gen10 6130 Xeon-G FIO
HPE ML350 Gen10 6130 Xeon-G Kit
HPE 16GB 2Rx8 PC4-2666V-R Smart Kit (6)
HPE ML350 Gen10 4LFF HDD Cage Kit (2)
HPE 6TB SAS 7.2K LFF LP 512e DS HDD (10)
HPE 300GB SAS 15K LFF LPC DS HDD (2)
HPE 96W Smart Storage Battery 260mm Cbl
HPE Smart Array P816i-a SR Gen10 Ctrlr
HPE Ethernet 1Gb 2P 332T Adptr
HPE NVIDIA Quadro P4000 GPU Module
HPE 1600W FS Plat Ht Plg LH Pwr Sply Kit (2)
HPE ML350 Gen10 LFF AROC Cable Kit
HPE ML350 Gen10 Redundant Fan Cage Kit
HPE USB US Keyboard/Mouse Kit
HPE R/T3000 G4 HV NA/JP UPS

\$14,769.44

System Integrators provide delivery and installation, one day of standard integration, and one day of knowledge transfer

school base servers - Lenovo

Standard School Server

ST550 Starter Server : ThinkSystem ST550 - 3yr Warranty
ThinkSystem ST550 3.5" Chassis with 4 or 8 Bays
Intel Xeon Silver 4112 4C 85W 2.6GHz Processor
ThinkSystem 8GB TruDDR4 2666 MHz (1Rx8 1.2V) RDIMM (2)
ThinkSystem ST550 3.5" SATA/SAS 4-Bay Backplane
Select Storage devices - configured RAID
ThinkSystem RAID 530-8i PCIe 12Gb Adapter
Primary Array - RAID 1
ThinkSystem 3.5" 2TB 7.2K SATA 6Gb Hot Swap 512n HDD (2)
ThinkSystem Half High SATA DVD-ROM Optical Disk Drive
ThinkSystem 550W (230V/115V) Platinum Hot Swap Power Supply
2.8m, 10A/120V, C13 to NEMA 5-15P (US) Line Cord
Feature Enable TPM 1.2
ThinkSystem ST550 Rear Fan Module for Redundant Fan
ThinkSystem Keyboard w/ Int. Pointing Device USB - US Eng 103P RoHS v2
ThinkSystem ST550/ST558 4x3.5" HDD BP Cable Kit
ThinkSystem ST550/ST558 Tape and ODD Power Cable
ThinkSystem ST550/ST558 SATA ODD Signal Cable
ThinkSystem ST550/ST558 PIB Cable Kit
Foundation Service - 3Yr Next Business Day Response
Windows Svr 2016 Standard (16 core)-English (factory installed)

\$6,192.96

Mid-Range School Server

ST550 Standard Server : ThinkSystem ST550 - 3yr Warranty
ThinkSystem ST550 3.5" Chassis with 4 or 8 Bays
Intel Xeon Silver 4110 8C 85W 2.1GHz Processor
ThinkSystem 8GB TruDDR4 2666 MHz (1Rx8 1.2V) RDIMM (4)
ThinkSystem ST550 3.5" SATA/SAS 4-Bay Backplane (2)
Select Storage devices - configured RAID
ThinkSystem RAID 930-8i 2GB Flash PCIe 12Gb Adapter
Primary Array - RAID 1
ThinkSystem 3.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD (2)
Secondary Array - RAID 5
ThinkSystem 3.5" 1TB 7.2K SATA 6Gb Hot Swap 512n HDD (4)
ThinkSystem Half High SATA DVD-ROM Optical Disk Drive
ThinkSystem 750W (230/115V) Platinum Hot Swap Power Supply
2.8m, 10A/120V, C13 to NEMA 5-15P (US) Line Cord
Feature Enable TPM 1.2
ThinkSystem Keyboard w/ Int. Pointing Device USB - US Eng 103P RoHS v2
ThinkSystem ST550 WW Lenovo LPK
Foundation Service - 3Yr Next Business Day Response
Windows Storage Svr 2016 Standard-English (factory installed)

\$7,441.90

school base servers - Lenovo

Advanced School Server

ST550 Advanced Server : ThinkSystem ST550 - 3yr Warranty
ThinkSystem ST550 3.5" Chassis with 4 or 8 Bays
Intel Xeon Gold 5115 10C 85W 2.4GHz Processor (2)
ThinkSystem 16GB TruDDR4 2666 MHz (1Rx4 1.2V) RDIMM (4)
ThinkSystem ST550 3.5" SATA/SAS 4-Bay Backplane (2)
Select Storage devices - configured RAID
ThinkSystem RAID 930-8i 2GB Flash PCIe 12Gb Adapter
Primary Array - RAID 1
ThinkSystem 3.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD (2)
Secondary Array - RAID 5
ThinkSystem 3.5" 2TB 7.2K SAS 12Gb Hot Swap 512n HDD (6)
ThinkSystem Broadcom NetXtreme PCIe 1Gb 4-Port RJ45 Ethernet
Adapter
ThinkSystem Half High SATA DVD-ROM Optical Disk Drive
ThinkSystem 750W (230/115V) Platinum Hot Swap Power Supply(2)
2.8m, 10A/120V, C13 to NEMA 5-15P (US) Line Cord (2)
ThinkSystem XClarity Controller Standard to Enterprise Upgrade
Foundation Service - 3Yr Next Business Day Response
Windows Storage Svr 2016 Standard-English (factory installed)

\$12,194.01

standard integration services

- » Schedule the integration day with the end user
- » Install and configure Microsoft Windows Server
- » Configure internal hard drives in a RAID configuration
- » Assign an available static IP address to server
- » Update all BIOS and Firmware
- » Configure the Active Directory network
- » Configure DNS on the server and integrate it into the NYC DOE Classroom Connect network
- » Notify NYC DOE Server Operations of the new server installation for DNS delegation
- » Configure standard group policy restrictions
- » Configure the backup system (if applicable)
- » Set up a central data store with access for all users to save data to the server
- » Connect and configure the UPS battery backup (if applicable)
- » Create forty (40) generic users
- » Configure up to four (4) network printers on the server
- » Configure up to (40) desktop clients within a single room lab environment or (10) desktops in a building wide environment (i.e. multiple classrooms) or (20) notebook
- » Configure each workstation to power-on to the authentication logon screen
- » Verify internet, server, and printer connectivity on each workstation
- » Document the server configuration

***DATA and/or DOMAIN TRANSFER NOT INCLUDED
PLEASE CALL FOR CUSTOMIZED SERVICES***

standard server professional development

Highlights of the HPE or Lenovo Server Training:

- » Understanding networks and IP address ranges
- » Remote Desktop Connections
- » Active Directory –creating users, passwords, and security groups
- » Shared folders and permissions
- » Security policies
- » Installing software
- » Backing up and updating servers
- » Installing network Printers
- » Advanced –bulk user creation, Active Directory organization