

Here are the specs for the servers. We need 4 servers total.

<https://bsicomputer.com/prodconf/2u-supermicro-rack-mount-server-with-x11dpt-b-motherboard-16469/cart/51185>

Product ID: 2029BT-HNR Supermicro Server

- **8 x Intel® Xeon® Silver 4214R Processor 12-Core 2.4GHz 16.5MB Cache (100W)**
- **4 x Supermicro X11DPT-B Intel C621 Chipset, 24x DDR4 ECC 3DS LRDIMM (3.0TB)**
- **16 x 32GB PC4-25600 3200MHz DDR4 ECC Registered Memory**
- Built-in 24x 2.5" Hot-Swappable Removable Kit
- **24 x 1.0TB Intel® SSD DC P4510 Series U.2 PCIe 3.1 x4 NVMe Solid State Drive**
- No Optical Drive
- **4 x Supermicro SIOM 1-Gigabit Ethernet Adapter AOC-MGP-i4M (4x RJ45)**
- **4 x Intel® Ethernet Server Adapter I350-T4V2 Quad Port (4x RJ-45)**
- 1200W Redundant Titanium Level Power Supplies
- No Option
- **4 x No Operating System**
- No Software
- No Keyboard Drawer
- **4 x Supermicro Update Manager (SUM) (OOB Management Package)**
- 3 Year Depot Warranty (Return for Repair)

Here are the specs for the server batteries. We will also need 4 units

<https://www.apc.com/us/en/product/SRT3000RMXLA-NC/apc-smartups-online-3kva-rackmount-2u-120v-8x-520r+1x-1530r-nema-outlets-network-card-extended-runtime-w-rail-kit/>

APC Smart-UPS On-Line, 3kVA, Rackmount 2U, 120V, 8x 5-20R+1x L5-30R NEMA outlets, Network Card, Extended runtime, W/ rail kit

This is the battery pack to extend the battery runtime. Also 4 units.

<https://www.apc.com/us/en/product/SRT96RMBPUS/apc-smartups-srt-96v-3kva-rm-battery-pack-taa/>

APC Smart-UPS SRT 96V 3kVA RM Battery Pack TAA

This for server room monitoring. 1 unit for this device.

<https://www.apc.com/us/en/product-range/65975-netbotz-750/?parent-subcategory-id=88962>

NetBotz 750

These are for the state campuses. We will need 6 units.

<https://www.apc.com/us/en/product-range/61833-netbotz-500/?parent-subcategory-id=88962#overview>

NetBotz 500

These are the sensors.

1. APC Alarm Beacon - 10 units

<https://www.apc.com/us/en/product/AP9324/apc-alarm-beacon/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

2. APC Temperature & Humidity Sensor - 8 units

<https://www.apc.com/us/en/product/AP9335TH/apc-temperature-humidity-sensor/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

3. APC Temperature & Humidity Sensor with Display - 8 units

<https://www.apc.com/us/en/product/AP9520TH/apc-temperature-humidity-sensor-with-display/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

4. NetBotz Spot Fluid Sensor - 15 ft. - 7 units

<https://www.apc.com/us/en/product/NBES0301/netbotz-spot-fluid-sensor-15-ft-/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

5. NetBotz Door Switch Sensor for Rooms or 3rd Party Racks - 50 ft. - 15 units

<https://www.apc.com/us/en/product/NBES0302/netbotz-door-switch-sensor-for-rooms-or-3rd-party-racks-50-ft-/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

6. NetBotz Smoke Sensor - 10 ft. - 8 units

<https://www.apc.com/us/en/product/NBES0307/netbotz-smoke-sensor-10-ft-/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

7. NetBotz Leak Rope Sensor - 20 ft. - 8 units

<https://www.apc.com/us/en/product/NBES0308/netbotz-leak-rope-sensor-20-ft-/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

8. NetBotz Leak Rope Extension - 20 ft. - 8 units

<https://www.apc.com/us/en/product/NBES0309/netbotz-leak-rope-extension-20-ft-/?parent-subcategory-id=88963&range=61827-netbotz-sensors&selected-node-id=27590274600>

These are computer parts

1. Computer case 2 pieces

Phanteks Eclipse P360A PH-EC360ATG_DBK01 Black Steel / Tempered Glass ATX Mid Tower

<https://www.newegg.com/black-phanteks-eclipse-p360a-atx-mid-tower/p/N82E16811854103>

2. Motherboard 2 pieces

GIGABYTE Z390 AORUS ELITE LGA 1151 (300 Series) Intel Z390 SATA 6Gb/s ATX Intel Motherboard

<https://www.newegg.com/p/N82E16813145092>

3. Memory 2 pieces.

CORSAIR Vengeance RGB Pro 32GB (2 x 16GB) 288-Pin PC RAM DDR4 3600 (PC4 28800) Intel XMP 2.0 Desktop Memory Model CMW32GX4M2D3600C18

<https://www.newegg.com/corsair-32gb-288-pin-ddr4-sdram/p/N82E16820236607?Item=N82E16820236607>

4. CPU 2 pieces

Intel Core i7 9th Gen - Core i7-9700 Coffee Lake 8-Core 3.0 GHz (4.7 GHz Turbo) LGA 1151 (300 Series) 65W BX80684I79700 Desktop Processor Intel UHD Graphics 630

<https://www.newegg.com/intel-core-i7-9th-gen-core-i7-9700/p/N82E16819118024?quicklink=true>

5. CPU Cooler 2 pieces



Cooler Master Hyper 212 RGB Black Edition CPU Air Cooler, SF120R RGB Fan, Anodized Gun-Metal Black, Brushed Nickel Fins, 4 Copper Direct Contact Heat Pipes for AMD Ryzen/Intel LGA1700/1200/1151

<https://www.newegg.com/cooler-master-rr-212s-20pc-r2/p/N82E16835103329>

6. Hard Drive 2 pieces



WD Black 1TB Performance Desktop Hard Disk Drive - 7200 RPM SATA 6Gb/s 64MB Cache 3.5 Inch - WD1003FZEX - OEM

<https://www.newegg.com/black-wd1003fzex-1tb/p/N82E16822236625>

7. NVME Hard Drive 2 pieces

SAMSUNG 980 PRO M.2 2280 500GB PCI-Express Gen 4.0 x4, NVMe 1.3c Samsung V-NAND Internal Solid State Drive (SSD) MZ-V8P500B/AM

<https://www.newegg.com/samsung-500gb-980-pro/p/N82E16820147789>

8. Power Supply 2 pieces

EVGA SuperNOVA 850 G3, 220-G3-0850-X1, 80+ GOLD, 850W Fully Modular, EVGA ECO Mode with New HDB Fan, Includes FREE Power On Self Tester, Compact 150mm Size, Power Supply

<https://www.newegg.com/evga-supernova-850-g3-220-g3-0850-x1-850w/p/N82E16817438092>

9. Video Card 2 pieces

GIGABYTE AORUS GeForce RTX 3050 ELITE 8G Graphics Card, 3x WINDFORCE Fans, 8GB 128-bit GDDR6, GV-N3050AORUS E-8GD Video Card

<https://www.newegg.com/gigabyte-geforce-rtx-3050-gv-n3050aorus-e-8gd/p/N82E16814932513>

10. Screen Wipes 10 pieces

KS-SP100 ECO

Klear Screen Travel Singles ECO (Step 1 Wet/Step 2 Dry) (100)

<https://klearscreen.com/collections/klear-screen/products/ks-sp100>