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□□□□□ 2*100Gb

□□□□□ 100Mb/1Gb Ethernet

□□□□□ 1/10/25/40/100Gb Ethernet

□□□□□ 40/56/100/200Gb QDR/FDR/HDR InfiniBand, 100Gb Omni-Path Architecture

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- □□□ 86112 GB
- □□□ 5272 GB
- CPU□□□□□ GPU□□□□□□□□□□□□ 1254.1848 TFLOPS (CPU: 1038.9248, GPU: 215.26)
- □□□ GPU□□□□□□□□□□□□ 11352.312 TFLOPS

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- □□ CPU□ e52692v2ib□ e52680v3ib□ e5v3ib□ e52630v4□ e52640v4□ e52650v4□ e52680v4ib□ e52682v4opa□ 5218□ 7702ib□ 5220r□ 6230r□ 5318h□ 6330ib□ 7k83□ 9654□ 9754□ 8558p□ 9755ib□ 9j14
- □□ CPU□ e74820v4□ 6140ib□ 5218q□ 9242opa
- □□□ CPU□ e52643tgb□ 6226rib
- □□□ CPU□ e7v4ib□ 6338□ 6458q□ 97554090ib
- □□□□ GPU□ e5v3k40ib□ e5v4p100ib□ 6148v100ib□ 7552v100□ 62v100ib□ 83a100ib
- □□□ GPU□ 722080tiib□ 72rtxib□ 813080□ 723080□ 723090ib□ 814080□ 734090d□ 944090d□ 734090ib□ 75434090ib□ 97554090ib□ 945090ib□ 65305090ib□ 834070ti

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https://table.nju.edu.cn/apps/custom/hpc-resources

SSD□

- / □□□□□□□□□□□□□ SSD□□□□□ /tmp □ /var/tmp
- /ssd □□□□□□□□ SSD□□□□□□□□□□□ /ssd □ /tmp/ssd

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e52643tgb

- □□□□□□□□□□□ 2.112 TFLOPS
- □□□□□□□ 100%
- 10*Dell PowerEdge 12G R620
- Hostname: r001-r010
- CPU: 2*Intel Xeon E5-2643 (4 Cores, 10MB Cache, 3.30 GHz, 8.00 GT/s QPI)
- RAM: 4 Channels, DDR3-1600 ECC RDIMM, Bandwidth: 102.4 GB/s
  - [r001-r003] 96 GB
  - [r004-r010] 128 GB□ `-C largemem` □□□□

- HDD: 600 GB 2.5in 10Krpm 6Gb/s SAS
- Network: 10 Gigabit Ethernet

e52692v2ib

- □□□□□□□□□□□□ 16.896 TFLOPS
- □□□□□□ 75%□□□□ 25%
- 40*Inspur NX5440
- Hostname: i01n01-i01n20 i02n01-i02n20
- CPU: 2*Intel Xeon E5-2692 v2 (12 Cores, 30MB Cache, 2.20 GHz, 8 GT/s QPI)
- RAM: 64 GB (8x8GB), 4 Channels, DDR3-1866 ECC RDIMM, Bandwidth: 119.4 GB/s
- HDD: 600 GB 2.5in 10Krpm 6Gb/s SAS
- Network: Gigabit Ethernet, 40 Gbit/s QDR InfiniBand

e52680v3ib

- □□□□□□□□□□□□ 24.96 TFLOPS
- □□□□□□□ 100%
- 26*HP BladeSystem ProLiant BL460c Gen9
- Hostname: s03n01-s03n13 s04n01-s04n13
- CPU: 2*Intel Xeon E5-2680 v3 (12 Cores, 30MB Cache, 2.50 GHz, 9.6 GT/s QPI)
- RAM: 128 GB ([s03n01-s03n13 s04n01-s04n02] 8x16GB | [s04n03-s04n13] 16x8GB), 4 Channels, DDR4-2133 ECC RDIMM, Bandwidth: 136 GB/s
- HDD: 300 GB 2.5in 10Krpm 6Gb/s SAS
- Network: Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

e5v3ib

- □□□□□□□□□□□□ 72 TFLOPS
- □□□□□□□□ 100%
- 70*Lenovo Flex System x240 M5 5*Lenovo System x3650 M5
- Hostname: f01n01-f01n14 f02n01-f02n14 f03n01-f03n14 f04n01-f04n14 f05n01-f05n14 x013-x017 x013-x017
- CPU: 2*Intel Xeon E5-2680 v3 (12 Cores, 30MB Cache, 2.50 GHz, 9.6 GT/s QPI)
- RAM: 4 Channels, [f01n01-f05n14] DDR4-2133 ECC RDIMM, Bandwidth: 136 GB/s | [x013-x017] DDR4-1866 ECC RDIMM, Bandwidth: 119.4 GB/s
  - [f01n01-f05n04] 128 GB (8x16GB)
  - [f05n05-f05n14] 256 GB (8x32GB), `-C mem256g` □ `-C largemem` □□□□
  - [x013-x017] 384 GB (24x32GB), `-C mem384g` □ `-C largemem` □□□□
- SSD: 2.5in SATA 6Gb/s
  - [f01n01-f05n14] Samsung Enterprise SSD PM863, 32-layer 3D TLC, 120GB 170TBW
  - [x013-x017] Samsung SSD 850 PRO, 32-layer 3D TLC, 512GB
- Network: Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

e5v3k40ib

- □□□□□□□□□□□□ 3.82 TFLOPS
- □□□□□□□□ 100%
- 1*Lenovo System x3650 M5
- Hostname: x001
- CPU: 2*Intel Xeon E5-2680 v3 (12 Cores, 30MB Cache, 2.50 GHz, 9.6 GT/s QPI)
- RAM: 128 GB (8x16GB), 4 Channels, DDR4-2133 ECC RDIMM, Bandwidth: 136 GB/s
- GPU: 2*NVIDIA Tesla K40 (2880 Cores 875MHz, 12GB 384-bit GDDR5 3.0GHz 288GB/s, PCIe3.0 x16)
- HDD: 300 GB 2.5in 10Krpm 6Gb/s SAS
- Network: 10 Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

e52630v4

- □□□□□□□□□□□□ 1.408 TFLOPS
- □□□□□□□ 100%□□□□□□
- 2*Inspur NX5460M4
- Hostname: i04n01-i04n02
- CPU: 2*Intel Xeon E5-2630 v4 (10 Cores, 25MB Cache, 2.20 GHz, 8 GT/s QPI)
- RAM: 64 GB (4x16GB), 2 Channels, DDR4-2133 ECC RDIMM, Bandwidth: 68.3 GB/s
- HDD: 2*300 GB 2.5in 10Krpm 12Gb/s SAS RAID1
- Network: 10 Gigabit Ethernet

e52640v4

- □□□□□□□□□□□□ 0.768 TFLOPS
- □□□□□□□ 100%
- 1*Inspur NF5280M4
- Hostname: n001
- CPU: 2*Intel Xeon E5-2640 v4 (10 Cores, 25MB Cache, 2.40 GHz, 8 GT/s QPI)
- RAM: 128 GB (8x16GB), 4 Channels, DDR4-2133 ECC RDIMM, Bandwidth: 136.6 GB/s
- HDD: 2*600 GB 2.5in 10Krpm 12Gb/s SAS RAID1
- Network: Gigabit Ethernet

e52650v4

- □□□□□□□□□□□□ 2.5344 TFLOPS
- □□□□□□□□ 100%□□□□ 100%□
- 3*Inspur NF5270M4
- Hostname: n003-n005
- CPU: 2*Intel Xeon E5-2650 v4 (12 Cores, 30MB Cache, 2.20 GHz, 9.6 GT/s QPI)
- RAM: 128 GB (8x16GB), 4 Channels, DDR4-2400 ECC RDIMM, Bandwidth: 153.6 GB/s
- HDD: [n003-n004] 4*300 GB 2.5in 10Krpm 12Gb/s SAS RAID5 | [n005] 3*300 GB 2.5in 10Krpm 12Gb/s SAS RAID5
- Network: Gigabit Ethernet

e52680v4ib

- □□□□□□□□□□□ 20.4288 TFLOPS
- □□□□□ 84.21%□□ 15.79%
- 19*HPE BladeSystem ProLiant BL460c Gen9
- Hostname: s04n14-s04n16 s05n01-s05n16
- CPU: 2*Intel Xeon E5-2680 v4 (14 Cores, 35MB Cache, 2.40 GHz, 9.6 GT/s QPI)
- RAM: 128 GB (8x16GB), 4 Channels, DDR4-2400 ECC RDIMM, Bandwidth: 153.6 GB/s
- SSD: Samsung Enterprise SSD PM863, 32-layer 3D TLC, 120GB 170TBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

e52682v4opa

- □□□□□□□□□□□ 25.6 TFLOPS
- □□□□□□ 100%
- 20*Inspur NX5440M4
- Hostname: i03n01-i03n20
- CPU: 2*Intel Xeon E5-2682 v4 (16 Cores, 40MB Cache, 2.50 GHz, 9.6 GT/s QPI)
- RAM: 64 GB (8x8GB), 4 Channels, DDR4-2400 ECC RDIMM, Bandwidth: 153.6 GB/s
- SSD: Intel SSD DC S3500, 20nm MLC, 240GB 140TBW
- SSD: 2.5in SATA 6Gb/s, [i03n01-i03n10] Samsung Enterprise SSD PM863, 32-layer 3D TLC, 960GB 1400TBW | [i03n11-i03n20] Intel SSD DC S3610, 20nm MLC, 800GB 5.3PBW
  - SSD mounted at /ssd & /tmp/ssd
- Network: Gigabit Ethernet, 100 Gbit/s Omni-Path Architecture

e7v4ib

- □□□□□□□□□□□ 2.1504 TFLOPS
- □□□□□□□ 100%
- 1*Dell PowerEdge R930
- Hostname: r011
- CPU: 4*Intel Xeon E7-4850 v4 (16 Cores, 40MB Cache, 2.10 GHz, 8 GT/s QPI)
- RAM: 1024 GB (32x32GB), 4 Channels, DDR4-1333 ECC RDIMM
- SSD: 2*Intel SSD DC S3610, 20nm MLC, 200GB 1.1PBW, 2.5in SATA 6Gb/s RAID1
- Network: 10 Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

e5v4p100ib

- □□□□□□□□□□□ 10.296 TFLOPS
- □□□□□□□ 100%
- 1*Lenovo System x3650 M5
- Hostname: x002
- CPU: 2*Intel Xeon E5-2660 v4 (14 Cores, 35MB Cache, 2.00 GHz, 9.6 GT/s QPI)
- RAM: 128 GB (8x16GB), 4 Channels, DDR4-2400 ECC RDIMM, Bandwidth: 153.6 GB/s

- GPU: 2*NVIDIA Tesla P100 PCIe 16GB (3584 Cores 1328MHz, 16GB 715MHz 4096-bit HBM2 732 GB/s, PCIe3.0 x16)
- HDD: 300 GB 2.5in 10Krpm 6Gb/s SAS
- Network: Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

6140ib

- □□□□□□□□□□□□ 84.7872 TFLOPS
- □□□□□□□□ 100%
- 16*H3C B7800 G3
- Hostname: b01n01-b01n08 b02n01-b02n08
- CPU: 4*Intel Xeon Gold 6140 (18 Cores, 24.75MB Cache, 2.30 GHz)
- RAM: 384 GB (24x16GB), 6 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 511.2 GB/s
- SSD: Micron 5100, TLC, 240GB, M.2 2280, SATA 6Gb/s
- Network: 10 Gigabit Ethernet, 100 Gbit/s EDR InfiniBand

6148v100ib

- □□□□□□□□□□□□ 10.072 TFLOPS
- □□□□□□□ 100%
- 1*Lenovo ThinkSystem SR650
- Hostname: x003
- CPU: 2*Intel Xeon Gold 6148 (20 Cores, 27.5MB Cache, 2.40 GHz)
- RAM: 192 GB (12x16GB), 6 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 255.6 GB/s
- GPU: NVIDIA Tesla V100 PCIe 16GB (5120 CUDA Cores 1380MHz, 16GB HBM2 877MHz 4096-bit 900GB/s, PCIe3.0 x16)
- SSD: LITEON, 128GB, M.2 2280, SATA 6Gb/s
- Network: Gigabit Ethernet, 56 Gbit/s FDR InfiniBand

5218

- □□□□□□□□□□□□ 1.1776 TFLOPS
- □□□□ CPU/□□□ Intel□□□ □□□
- 1*Intel S2600WFT
- Hostname: o003
- CPU: 2*Intel Xeon Gold 5218 (16 Cores, 22MB Cache, 2.30 GHz)
- RAM: 192 GB (12x16GB), 6 Channels, DDR4-2666 ECC RDIMM
- SSD: Intel SSD DC S3500, 20nm MLC, 275TBW 480GB, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

5218q

- □□□□□□□□□□□□ 2.3552 TFLOPS
- □□□□□□□ 100%
- 1*Inspur NF8480M5
- Hostname: n032

- CPU: 4*Intel Xeon Gold 5218 (16 Cores, 22MB Cache, 2.30 GHz)
- RAM: 256 GB (8x32GB), 4 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 170.7 GB/s
- HDD: 2*600 GB 2.5in 10Krpm 12Gb/s SAS RAID1
- Network: Gigabit Ethernet

7552v100

- □□□□□□□□□□□ 59.3792 TFLOPS
- □□□□□□ 100%
- 1*Tongtaiyi TG659V2
- Hostname: t001
- CPU: 2*AMD EPYC 7552 (48 Cores, 192MB Cache, 2.2 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA Tesla V100 PCIe 32GB (5120 CUDA Cores 1380MHz, 32GB HBM2 877MHz 4096-bit 900GB/s, PCIe3.0 x16)
- SSD: Samsung PM883, TLC 3D NAND, 960GB 1366TBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

62v100ib

- □□□□□□□□□□□ 65.6 TFLOPS
- □□□□□□□□ 100%
- 1*Inspur NF5468M5-S
- Hostname: n002
- CPU: 2*Intel Xeon Gold 6248 (20 Cores, 27.5MB Cache, 2.50 GHz)
- RAM: 768 GB (24x32GB), 6 Channels, DDR4-2933 ECC RDIMM, Bandwidth: 281.6 GB/s
- GPU: 8*NVIDIA Tesla V100 SXM2 32GB (5120 CUDA Cores 1530MHz, 32GB HBM2 877MHz 4096-bit 900GB/s, NVLink 300GB/s, PCIe3.0 x16)
- SSD: 2*Samsung Enterprise SSD PM883, TLC 3D NAND, 480GB 683TBW, 2.5in SATA 6Gb/s, RAID1
- SSD: 2*Intel SSD DC P4510, 64-Layer TLC 3D NAND, 2TB 2.61PBW, U.2 15mm, PCIe3.1 x4 NVMe, RAID0
  - SSD mounted at /ssd & /tmp/ssd
- Network: 10 Gigabit Ethernet, 100 Gbit/s EDR InfiniBand

9242opa

- □□□□□□□□□□□ 141.312 TFLOPS
- □□□□□□ 100%
- 20*Intel S9248WK2HAC
- Hostname: s001-s020
- CPU: 2*Intel Xeon Platinum 9242 (48 Cores, 71.5MB Cache, 2.30 GHz)
- RAM: 384 GB (24x16GB), 12 Channels, DDR4-2933 ECC RDIMM, Bandwidth: 563.2 GB/s
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 480GB 1.2PBW, M.2 2280, SATA 6Gb/s
- Network: Gigabit Ethernet, 100 Gbit/s Omni-Path Architecture

7702ib

- □□□□□□□□□□□□ 57.344 TFLOPS
- □□□□□□□□ 100%
- 14*Asus RS720A-E9-RS24V2
- Hostname: a001-a014
- CPU: 2*AMD EPYC 7702 (64 Cores, 256MB Cache, 2.0 GHz)
- RAM: 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
  - [a001-a010] 256 GB (16x16GB)
  - [a011-a014] 512 GB (32x16GB), `-C largemem` □□□□
- SSD: Samsung SSD 970 EVO Plus, V-NAND 3-bit MLC, 250GB 150TBW, M.2 2280, PCIe3.0 x4 NVMe 1.3
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

722080tiib

- CPU□□□□□□□□□□□□ 3.072 TFLOPS
- GPU□□□□□□□□□□□□ 215.168 TFLOPS
- □□□□□□□□ 100%
- 4*Gigabyte G242-Z10
- Hostname: g001-g004
- CPU: 1*AMD EPYC 7302 (16 Cores, 128MB Cache, 3.0 GHz)
- GPU: 4*NVIDIA GeForce RTX 2080 Ti 11GB (4352 CUDA Cores 1545MHz, 11GB GDDR6 7000MHz 352-bit 616 GB/s, PCIe3.0 x16)
- RAM: 256 GB (8x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 204.8 GB/s
- SSD: Intel SSD DC S4600, 3D NAND TLC, 240GB 1.40PBW, 2.5in SATA 6Gb/s
- SSD: Intel SSD DC P4510, 64-Layer TLC 3D NAND, 2TB 2.61PBW, U.2 15mm, PCIe3.1 x4 NVMe
  - SSD mounted at /ssd & /tmp/ssd
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

72rtxib

- CPU□□□□□□□□□□□□ 2.304 TFLOPS
- GPU□□□□□□□□□□□□ 195.744 TFLOPS
- □□□□□□□□ 100%
- 3*Gigabyte G242-Z10
- Hostname: g005-g007
- CPU: 1*AMD EPYC 7302 (16 Cores, 128MB Cache, 3.0 GHz)
- GPU: 4*NVIDIA TITAN RTX 24GB (4608 CUDA Cores 1770MHz, 24GB GDDR6 7000MHz 384-bit 672 GB/s, PCIe3.0 x16)
- RAM: 256 GB (8x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 204.8 GB/s
- SSD: Intel SSD DC S4600, 3D NAND TLC, 240GB 1.40PBW, 2.5in SATA 6Gb/s
- SSD: Intel SSD DC P4510, 64-Layer TLC 3D NAND, 2TB 2.61PBW, U.2 15mm, PCIe3.1 x4 NVMe

    - SSD mounted at /ssd & /tmp/ssd
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

5220r

- □□□□□□□□□□□□ 5.0688 TFLOPS
- □□□□□□□□ 100%□□□□ 100%□
- 3*Inspur NF5280M5
- Hostname: n006-n008
- CPU: 2*Intel Xeon Gold 5220R (24 Cores, 35.75MB Cache, 2.20 GHz)
- RAM: 192 GB (6x32GB), 3 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 127.8 GB/s
- SSD: 2*Intel SSD DC S4500, 3D NAND TLC, 480GB 0.90PBW, 2.5in SATA 6Gb/s, RAID1
- Network: Gigabit Ethernet

6226rib

- □□□□□□□□□□□□ 65.3312 TFLOPS
- □□□□□□□ 100%
- 22*Huawei FusionServer Pro 1288H V5
- Hostname: f001-f022
- CPU: 2*Intel Xeon Gold 6226R (16 Cores, 22MB Cache, 2.90 GHz)
- RAM: 192 GB (12x16GB), 6 Channels, DDR4-2933 ECC RDIMM, Bandwidth: 281.6 GB/s
- SSD: Huawei ES3610C V5, 3D TLC, 1.6TB 8.76PBW, HHHL, PCIe3.0 x4 NVMe 1.3
- Network: Gigabit Ethernet, 100 Gbit/s EDR InfiniBand

6230r

- □□□□□□□□□□□□ 10.4832 TFLOPS
- □□□□□□□□ 100%□□□□ 100%□
- 3*Inspur NF5280M5
- Hostname: n009-n011
- CPU: 2*Intel Xeon Gold 6230R (26 Cores, 35.75MB Cache, 2.10 GHz)
- RAM: 192 GB (6x32GB), 3 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 127.8 GB/s
- SSD: 2*Samsung PM883, TLC 3D NAND, 480GB 683TBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

5318h

- □□□□□□□□□□□□ 5.76 TFLOPS
- □□□□□□□ 100%
- 1*Inspur NF8480M6
- Hostname: n035
- CPU: 4*Intel Xeon Gold 5318H (18 Cores, 24.75MB Cache, 2.50 GHz)
- RAM: 512 GB (16x32GB), 4 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 170.7 GB/s
- HDD: 2*Samsung PM893, V-NAND TLC, 960GB 1752TBW, 2.5in SATA 6Gb/s, RAID1
- Network: Gigabit Ethernet

6330ib

- □□□□□□□□□□□□ 57.344 TFLOPS
- □□□□□□□□ 100%
- 16*Inspur NF5180M6
- Hostname: n016-n031
- CPU: 2*Intel Xeon Gold 6330 (28 Cores, 42MB Cache, 2.00 GHz)
- RAM: 256 GB (16x16GB), 8 Channels, DDR4-2933 ECC RDIMM, Bandwidth: 375.5 GB/s
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 240GB 0.9PBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

6338

- □□□□□□□□□□□□ 16.384 TFLOPS
- □□□□□□ 100%
- 4*Inspur NF5180M6
- Hostname: n012-n015
- CPU: 2*Intel Xeon Gold 6338 (32 Cores, 48MB Cache, 2.00 GHz)
- RAM: 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
  - [n012 n013] 1024 GB (32x32GB)
  - [n014 n015] 2048 GB (32x64GB), `-C largemem` □□□□
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 240GB 0.9PBW, 2.5in SATA 6Gb/s
- Network: 10 Gigabit Ethernet

7k83

- □□□□□□□□□□□□ 15.6672 TFLOPS
- □□□□□□□ 100%
- 2*Gigabyte R182-Z90 1*Asus RS700A-E11-RS4U
- Hostname: g008-g009 a016
- CPU: 2*AMD EPYC 7K83 (64 Cores, 256MB Cache, 2.55 GHz)
- RAM: 256 GB (16x16GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 480GB 1.2PBW, 2.5in SATA 6Gb/s
- Network: 10 Gigabit Ethernet

83a100ib

- □□□□□□□□□□□□ 82.9248 TFLOPS
- □□□□□□□□ 100%
- 1*Supermicro SYS-420GP-TNAR+ (Powerleader PR4908WV)
- Hostname: m001
- CPU: 2*Intel Xeon Platinum 8358 (32 Cores, 48MB Cache, 2.60 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA A100 SXM4 40GB (6912 CUDA Cores 1410MHz, 40GB HBM2 1215MHz 5120-bit 1555GB/s, NVLink 600GB/s, PCIe4.0 x16)

- SSD: Samsung 983 DCT, V-NAND 3-bit MLC, 960GB 1.366PBW, M.2 22110, PCIe3.0 x4 NVMe 1.2b
- SSD: 2*Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 3.84TB 7.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4, RAID0
  - SSD mounted at /ssd & /tmp/ssd
- Network: 10 Gigabit Ethernet, 200 Gbit/s HDR InfiniBand

813080

- CPU□□□□□□□□□□□□ 7.9872 TFLOPS
- GPU□□□□□□□□□□□□ 476.32 TFLOPS
- □□□□□□□ 100%
- 1*Supermicro SYS-4029GP-TRT 1*Asus ESC8000 G4
- Hostname: m004 a018
- CPU: [m004] 2*Xeon Platinum 8163 (24 Cores, 33MB Cache, 2.50 GHz) | [a018] 2*Xeon Platinum 8168 (24 Cores, 33MB Cache, 2.70 GHz)
- RAM: [m004] 64 GB (4x16GB), 2 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 85.3 GB/s | [a018] 128 GB (8x16GB), 4 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 170.7 GB/s
- GPU: 8*NVIDIA GeForce RTX 3080 10GB (8704 CUDA Cores 2100MHz, 10GB GDDR6X 9501MHz 320-bit 760.3 GB/s, PCIe3.0 x16)
- SSD: [m004] Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 480GB 1.2PBW, 2.5in SATA 6Gb/s | [a018] Intel SSD D3-S4610, 64-Layer TLC 3D NAND, 240GB 1.4PBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet
- □□□□□ **1262 MB/**□ □ 1 □ = 6 □ = 7.4 GB□
- □□□□□□□□ **2432 MB/**□ □□□ a018 □□□□□□□ `--mem`□□□ `--gpus=1 --mem=14G` □
  - [m004] 48 □ × 1262 MB = 59.2 GB□ = □□□□□
  - [a018] 48 □ × 2432 MB = 114 GB□ = □□□□□

723080

- CPU□□□□□□□□□□□□ 4.608 TFLOPS
- GPU□□□□□□□□□□□□ 238.16 TFLOPS
- □□□□□□□ 100%
- 1*Asus ESC8000A-E11
- Hostname: a015
- CPU: 2*AMD EPYC 7B12 (64 Cores, 256MB Cache, 2.25 GHz)
- RAM: 128 GB (16x8GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA GeForce RTX 3080 10GB (8704 CUDA Cores 2100MHz, 10GB GDDR6X 9501MHz 320-bit 760.3 GB/s, PCIe4.0 x16)
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 240GB 0.9PBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

723090ib

- CPU□□□□□□□□□□□□ 4.3008 TFLOPS
- GPU□□□□□□□□□□□□ 569.28 TFLOPS
- □□□□□□□□ 100%
- 2*Supermicro AS -4124GS-TNR (Roycom)
- Hostname: m002-m003
- CPU: 2*AMD EPYC 7402 (24 Cores, 128MB Cache, 2.8 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA GeForce RTX 3090 24GB (10496 CUDA Cores 2100MHz, 24GB GDDR6X 9751MHz 384-bit 936.2 GB/s, PCIe4.0 x16)
- SSD: Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 480GB 1.2PBW, 2.5in SATA 6Gb/s
- SSD: 2*Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 3.84TB 7.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4, RAID0
  - SSD mounted at /ssd & /tmp/ssd
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

814080

- CPU□□□□□□□□□□□□ 4.1472 TFLOPS
- GPU□□□□□□□□□□□□ 194.960 TFLOPS
- □□□□□□□ 100%
- 1*Supermicro X11DPG-QT
- Hostname: m009
- CPU: 2*Xeon Platinum 8168 (24 Cores, 33MB Cache, 2.70 GHz)
- RAM: 64 GB (4x16GB), 2 Channels, DDR4-2666 ECC RDIMM, Bandwidth: 85.3 GB/s
- GPU: 4*NVIDIA GeForce RTX 4080 16GB (9728 CUDA Cores 3105MHz, 16GB GDDR6X 11201MHz 256-bit 716.8 GB/s, PCIe4.0 x16)
- SSD: Samsung PM883, TLC 3D NAND, 240GB 341TBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

734090d

- CPU□□□□□□□□□□□□ 5.7344 TFLOPS
- GPU□□□□□□□□□□□□ 588.32 TFLOPS
- □□□□□□ 100%
- 1*Inspur NF5468A5
- Hostname: n034
- CPU: 2*AMD EPYC 7543 (32 Cores, 256MB Cache, 2.8 GHz)
- RAM: 768 GB (24x32GB) DDR4-2933 ECC RDIMM
- GPU: 8*NVIDIA GeForce RTX 4090 D 24GB (14592 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16)
- SSD: Intel SSD D5-P5530, 128-Layer TLC NAND, 960GB 1.7PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.3c
- SSD: 2*SAMSUNG PM983a, 7.68TB 10.9PBW, U.2 7mm, PCIe3.0 x4, NVMe 1.3c
  - SSD mounted at /ssd1 & /ssd2
- Network: Gigabit Ethernet

944090d

- CPU□□□□□□□□□□□□ 7.3728 TFLOPS
- GPU□□□□□□□□□□□□ 441.24 TFLOPS
- □□□□□□ 100%
- 1*Inspur NF5468A7
- Hostname: n033
- CPU: 2*AMD EPYC 9654 (96 Cores, 384MB Cache, 2.4 GHz)
- RAM: 768 GB (24x32GB) 12 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 921.6 GB/s
- GPU: 6*NVIDIA GeForce RTX 4090 D 24GB (14592 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16), 2*NVIDIA GeForce RTX 4090 24GB (16384 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16)
- SSD: SSD 960GB
- SSD: 2*SAMSUNG PM983a, 7.68TB 10.9PBW, U.2 7mm, PCIe3.0 x4, NVMe 1.3c
  - SSD mounted at /ssd1 & /ssd2
- Network: Gigabit Ethernet

734090ib

- CPU□□□□□□□□□□□□ 5.7344 TFLOPS
- GPU□□□□□□□□□□□□ 1321.28 TFLOPS
- □□□□□□□□ 100%
- 2*Supermicro AS -4124GS-TNR (Wuzhou S748E4)
- Hostname: m005-m006
- CPU: 2*AMD EPYC 7543 (32 Cores, 256MB Cache, 2.8 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA GeForce RTX 4090 24GB (16384 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16)
- SSD: Samsung PM883, TLC 3D NAND, 480GB 683TBW, 2.5in SATA 6Gb/s
- SSD: 2*Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 3.84TB 7.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4, RAID0
  - SSD mounted at /ssd & /tmp/ssd
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

75434090ib

- CPU□□□□□□□□□□□□ 5.7344 TFLOPS
- GPU□□□□□□□□□□□□ 1321.28 TFLOPS
- □□□□□□ 100%
- 2*Supermicro AS -4124GS-TNR (Wuzhou S748E4 | Roycom)
- Hostname: m007-m008
- CPU: 2*AMD EPYC 7543 (32 Cores, 256MB Cache, 2.8 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR4-3200 ECC RDIMM, Bandwidth: 409.6 GB/s
- GPU: 8*NVIDIA GeForce RTX 4090 24GB (16384 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16)

- SSD: Samsung PM883, TLC 3D NAND, 480GB 683TBW, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

9654

- □□□□□□□□□□□□ 14.7456 TFLOPS
- □□□□□□□ 100%
- 1*Asus RS720A-E12-RS12 1*□□ PRA244-D12H
- Hostname: a017 o004
  - CPU: 2*AMD EPYC 9654 (96 Cores, 384MB Cache, 2.4 GHz)
- RAM: DDR5-4800 ECC RDIMM
  - [a017] 384 GB (24x16GB), 12 Channels, Bandwidth: 921.6 GB/s
  - [o004] 128 GB (8x16GB), 4 Channels, Bandwidth: 307.2 GB/s
- SSD:
  - [a017] Intel SSD D3-S4510, 64-Layer TLC 3D NAND, 480GB 1.2PBW, 2.5in SATA 6Gb/s
  - [o004] Intel SSDPF2KX019XZ, 2TB, U.2 NVMe
- Network: 10 Gigabit Ethernet□ a017□ / Gigabit Ethernet□ o004□
- □□□□□ **650 MB/□**
- □□□□□□□□ **1925 MB/□** □□□ a017 □□□□□□□ `--mem`□□□ `-n 192 --mem=360G`□
  - [a017] 192 □ × 1925 MB = 360 GB
  - [o004] 192 □ × 650 MB = 124.8 GB□ = □□□□□ `-n 192` □□ `--mem` □□□□□

9754

- □□□□□□□□□□□□ 9.216 TFLOPS
- □□□□□□□ 100%
- 1*Inventec K885G6
- Hostname: v001
- CPU: 2*AMD EPYC 9754 (128 Cores, 256MB Cache, 2.25 GHz)
- RAM: 384 GB (24x16GB), 12 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 921.6 GB/s
- SSD: Intel SSD D5-P5530, 128-Layer TLC NAND, 960GB 1.7PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.3c
- Network: 1 Gigabit Ethernet

6458q

- □□□□□□□□□□□□ 25.3952 TFLOPS
- □□□□□□ 100%
- 4*Nettrix R620 G50
- Hostname: u001-u004
- CPU: 2*Intel Xeon Gold 6458Q (32 Cores, 60MB Cache, 3.10 GHz)
- RAM: 1024 GB (16x64GB), 8 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 614.4 GB/s
- SSD: Samsung PM883, TLC 3D NAND, 480GB 683TBW, 2.5in SATA 6Gb/s, RAID1
- Network: 10 Gigabit Ethernet

97554090ib

- CPU□□□□□□□□□□□□ 66.3552 TFLOPS
- GPU□□□□□□□□□□□□ 165.16 TFLOPS
- □□□□□□ 100%
- 3*Tongtaiyi TU629V3 (Sitonholy AW2245-2GR)
- Hostname: t002-t004
- CPU: 2*AMD EPYC 9755 (128 Cores, 512MB Cache, 2.7 GHz)
- RAM: 12 Channels, DDR5-6400 ECC RDIMM, Bandwidth: 1228 GB/s
  - [t002] 2304 GB (24x96GB), `-C largemem` □□□□
  - [t003-t004] 1536 GB (24x64GB)
- GPU: [t003-t004] 1*NVIDIA GeForce RTX 4090 24GB (16384 CUDA Cores 3105MHz, 24GB GDDR6X 10501MHz 384-bit 1008 GB/s, PCIe4.0 x16)
- SSD: GSAITECH, 960GB, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

945090ib

- CPU□□□□□□□□□□□□ 12.672 TFLOPS
- GPU□□□□□□□□□□□□ 2515.2 TFLOPS
- □□□□□□□□ 100%
- 3*Enginetech EG8621A4
- Hostname: e001-e003
- CPU: 2*AMD EPYC 9454 (48 Cores, 256MB Cache, 2.75 GHz)
- RAM: 768 GB (24x32GB), 12 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 921.6 GB/s
- GPU: 8*NVIDIA GeForce RTX 5090 32GB (21760 CUDA Cores 3090MHz, 32GB GDDR7 14001MHz 512-bit 1792 GB/s, PCIe5.0 x16)
- SSD: Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 7.68TB 14.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

65305090ib

- CPU□□□□□□□□□□□□ 8.6016 TFLOPS
- GPU□□□□□□□□□□□□ 1676.8 TFLOPS
- □□□□□□ 100%
- 2*Enginetech EG8621G4
- Hostname: e004-e005
- CPU: 2*Intel Xeon Gold 6530 (32 Cores, 160MB Cache, 2.1 GHz)
- RAM: 512 GB (16x32GB), 8 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 614.4 GB/s
- GPU: 8*NVIDIA GeForce RTX 5090 32GB (21760 CUDA Cores 3090MHz, 32GB GDDR7 14001MHz 512-bit 1792 GB/s, PCIe5.0 x16)
- SSD: Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 7.68TB 14.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

9654p6000ib

- CPU□□□□□□□□□□□□ 7.3728 TFLOPS
- GPU□□□□□□□□□□□□ 504 TFLOPS + 209.6 TFLOPS
- □□□□□□ 100%
- 1*Enginetech EG8621A4
- Hostname: e006
- CPU: 2*AMD EPYC 9654 (96 Cores, 384MB Cache, 2.4 GHz)
- RAM: 256 GB (4x64GB), 2 Channels, DDR5-4800 ECC RDIMM, Bandwidth: 153.6 GB/s
- GPU: 4*NVIDIA GeForce RTX PRO 6000 96GB (24064 CUDA Cores 2430MHz, 96GB GDDR7-ECC 12481MHz 512-bit 1597 GB/s, PCIe5.0 x16) + 2*NVIDIA GeForce RTX 5090 32GB (21760 CUDA Cores 2407MHz, 32GB GDDR7 28000MHz 512-bit 1792 GB/s, PCIe5.0 x16)
- SSD: Intel SSD D7-P5520, 144-Layer TLC 3D NAND, 7.68TB 14.0PBW, U.2 15mm, PCIe4.0 x4, NVMe 1.4
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

8558p

- □□□□□□□□□□□□ 8.2944 TFLOPS
- □□□□□□□ 100%
- 1*Tongtaiyi TU628V3 (Sitonholy IW2235-2GR)
- Hostname: t005
- CPU: 2*Intel Xeon Platinum 8558P (48 Cores, 260MB Cache, 2.7 GHz)
- RAM: 512 GB (8x64GB), 4 Channels, DDR5-5600 ECC RDIMM, Bandwidth: 179.2 GB/s
- SSD: GSAITECH, 2*480GB, 2.5in SATA 6Gb/s
- Network: Gigabit Ethernet

9755ib

- □□□□□□□□□□□□ 154.8288 TFLOPS
- □□□□□□ 100%
- 7*Tongtaiyi TU629V3 (Sitonholy AW2245-2GR)
- Hostname: t006-t012
- CPU: 2*AMD EPYC 9755 (128 Cores, 512MB Cache, 2.7 GHz)
- RAM: 256 GB (4x64GB), 4 Channels, DDR5-6400 ECC RDIMM, Bandwidth: 204.8 GB/s
- SSD: Samsung 990 PRO, 1TB, M.2 2280, PCIe4.0 x4, NVMe
- Network: Gigabit Ethernet, 100 Gbit/s HDR100 InfiniBand

834070ti

- CPU□□□□□□□□□□□□ 11.8784 TFLOPS
- GPU□□□□□□□□□□□□ 320.72 TFLOPS
- □□□□□□□ 100%
- 1*□□ PGI453-D08L
- Hostname: m010

- CPU: 2*Intel Xeon Platinum 8375C (32 Cores, 54MB Cache, 2.9 GHz)
- RAM: 64 GB (2x32GB), 1 Channel, DDR4-2666 ECC RDIMM, Bandwidth: 42.7 GB/s
- GPU: 8*NVIDIA GeForce RTX 4070 Ti 12GB (7680 CUDA Cores 2610MHz, 12GB GDDR6X 21000MHz 192-bit 504.2 GB/s, PCIe4.0 x16)
- SSD: Intel SSDPF2KX960HZ, 960GB, 2.5in U.2 NVMe
- Network: Gigabit Ethernet

9j14

- □□□□□□□□□□□□ 22.7328 TFLOPS
- □□□□□□□ 100%
- 1*Inspur NF5280A7 1*SmoothCompute 6215 C2 1*Tongtaiyi TU629V3
- Hostname: n036, u005, t013
- CPU:
  - [n036] 2*AMD EPYC 9A14 (96 Cores, 384MB Cache, 2.6 GHz)
  - [u005] [t013] 2*AMD EPYC 9J14 (96 Cores, 384MB Cache, 2.4 GHz)
- RAM: DDR5-5600 ECC RDIMM
  - [n036] [u005] 128 GB (4x32GB), 4 Channels, Bandwidth: 179.2 GB/s
  - [t013] 128 GB (2x64GB), 2 Channels, Bandwidth: 89.6 GB/s
- SSD:
  - [n036] Intel SSDPE2KX010T8, 64-Layer TLC 3D NAND, 1TB 1 DWPD, 2.5in U.2 PCIe3.1 x4, NVMe
  - [u005] SSSTC ER3-CD480A, 3D eTLC NAND, 480GB, 2.5in SATA 6Gb/s, PLP
  - [t013] Samsung 990 PRO, TLC 3D NAND, 1TB, M.2 2280, PCIe4.0 x4, NVMe
- Network: Gigabit Ethernet

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- □□□□ 4.61 PiB

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https://table.nju.edu.cn/dtable/view-external-links/custom/hpc-storage/

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/bbfs

□□□ NVMe SSD□□□□□□ Burst Buffer□□□□□□□□□□□□□□□□□□□□□□

- □□□□□ bbfs
- □□□□□□□□ 100%
- □□□□□ 116.4 TiB

- IO□□□ 4*HPE ProLiant DL380 Gen10: bb01 bb02 bb03 bb04
- CPU: 2*Intel Xeon Gold 5122 (2 Cores, 16.5MB Cache, 3.60 GHz)
- RAM: 192 GB (12x16GB), 6 Channels, DDR4-2666 ECC RDIMM
- Network: 2*25 Gigabit Ethernet, 100 Gbit/s EDR InfiniBand, 100 Gbit/s Omni-Path
- SSD: 8*Intel SSD DC P4510, 64-Layer TLC 3D NAND, 4TB 6.3PBW, 2.5in U.2 15mm, PCIe 3.1 x4 NVMe
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/fsb

- □□□□□□□□ 100%
- □□□□□□ 1.26 PiB

- □□□ Lenovo DSS-G 210
- □□□ 2*Lenovo ThinkSystem SR655 V3: dss01 dss02
- □□□ 2*25 Gigabit Ethernet, 200 Gbit/s HDR InfiniBand
- JBOD□ 1*Lenovo D4390
- □□□ 88*Western Digital Ultrastar DC HC570 22TB 3.5-inch 7.2Krpm 12Gb/s SAS□ 2*Samsung PM1655 800GB 3DWPD 2.5-inch 24Gb/s SAS 24Gb
- □□□□□ Reed-Solomon code 8+2p□□□□ 3□□

/fs04

- □□□□□□□ 100%
- □□□□□ 13.1 TiB
- IO□□□□□ Dell PowerEdge 12G R720xd: io08
- □□□ 2*10 Gigabit Ethernet
- RAID□□ Dell PERC H710P Mini (LSI SAS2208 ROC), 1GB cache with Intelligent Battery Backup Unit
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□□ 5□□□□□ RAID5□ 4□ RAID5□ 2□□□□

/fs08

- □□□□□□ 100%
- □□□□□ 13.1 TiB
- IO□□□ 2*Inspur NF5270M3: io10 io11
- □□□ 2*1 Gigabit Ethernet, 40 Gbit/s QDR InfiniBand
- □□□ Inspur AS500H (NetApp E2600)□□□□□□□□□□ 4GB □□□□□□□□□□□□ Write caching with mirroring, High Performance Tier
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□□ 5□□□□□ RAID5□ 4□ RAID5□ 2□□□□□

/fs09

- □□□□□□ 100%
- □□□□□ 23.5 TiB
- IO□□□ 2*Inspur NF5270M3: io10 io11
- □□□ 2*1 Gigabit Ethernet, 40 Gbit/s QDR InfiniBand
- □□□ Inspur AS500H (NetApp E2600)□□□□□□□□□□ 4GB □□□□□□□□□□□□
  Write caching with mirroring, High Performance Tier
- □□□ 3TByte 3.5-inch 7.2Krpm 6Gb/s NL-SAS□ 12□□□□□ Disk Pool□□□ 1□□□□□□□
  2□ Virtual Disk

/fs10

- □□□□□□ 100%
- □□□□□ 9.8 TiB
- IO□□□□□ Inspur NF5270M3: io12
- □□□ 2*1 Gigabit Ethernet, 40 Gbit/s QDR InfiniBand
- RAID□□ LSI MegaRAID SAS 9271-8i (LSI SAS2208 ROC), 1GB□□□□□□□□□□
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□□ 5□□□□□ RAID5□ 3□ RAID5□ 1□□□□□□

/fs12

- □□□□□□ 100%
- □□□□□ 13.1 TiB
- IO□□□ 2*HP ProLiant DL380 Gen9: io01 io02
- □□□ 2*10 Gigabit Ethernet, 56 Gbit/s FDR InfiniBand
- □□□ HP MSA 2040 SAN□□□□□□□□□□ 4GB □□□□□□□□□□□□
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□□ 5□□□□□ RAID5□ 4□ RAID5□ 3□□□□□□

/fs13

- □□□□□□ 100%
- □□□□□ 29.1 TiB
- IO□□□ 2*HP ProLiant DL380 Gen9: io01 io02
- □□□ 2*10 Gigabit Ethernet, 56 Gbit/s FDR InfiniBand
- □□□ HP MSA 2040 SAN□□□□□□□□□□ 4GB □□□□□□□□□□□□
- □□□ 4TByte 3.5-inch 7.2Krpm 6Gb/s SAS□□ 6□□□□□ RAID6□ 2□ RAID6□ 1□□□□

/fs14

- □□□□□□□ 100%
- □□□□□ 262 TiB
- IO□□□ Dell PowerEdge R730: io13
- □□□ 2*10 Gigabit Ethernet
- RAID□□ Dell PERC H730P Mini (LSI SAS3108 ROC), 2GB NV cache with Intelligent Battery Backup Unit
- □□□ 8TByte 3.5-inch 7.2Krpm 12Gb/s SAS□ 6□□□□□ RAID6
- RAID□□ Dell PERC H830 (LSI SAS3108 ROC), 2GB NV cache with Intelligent Battery Backup Unit
- JBOD□ 8TByte 3.5-inch 7.2Krpm 12Gb/s SAS□ 6□□□□□ RAID6□ 8□ RAID6

□□□□

/fs00

- □□□□□□□ 100%
- □□□□□ 3.3 TB

- IO□□□ HP ProLiant DL380 Gen9: io01 io02
- □□□ 2*10 Gigabit Ethernet, 56 Gbit/s FDR InfiniBand
- □□□ HP MSA 2040 SAN□□□□□□□□□ 4GB □□□□□□□□□□□
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□ 2□□□□□ RAID1□ 2□ RAID1□ 1□□□□□□
- IO□□□ Inspur NF5270M3: io10 io11
- □□□ 2*1 Gigabit Ethernet, 40 Gbit/s QDR InfiniBand
- □□□ Inspur AS500H (NetApp E2600)□□□□□□□□□ 4GB □□□□□□□□□□□ Write caching with mirroring, High Performance Tier
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□ 2□□□□□ RAID1□ 2□□□□□□
- IO□□□□□ Inspur NF5270M3: io12
- □□□ 2*1 Gigabit Ethernet, 40 Gbit/s QDR InfiniBand
- RAID□□ LSI MegaRAID SAS 9271-8i (LSI SAS2208 ROC), 1GB cache with Battery Backup Unit
- □□□ 900GB 2.5-inch 10Krpm 6Gb/s SAS□ 2□□□□□ RAID1□ 1□□□□□□
- □□□ RAID1+□□□□□□□□

□□□□ Tier 2□

□□□□□□□□□□□□

/archive

- □□□□□□□□ 100%
- □□□□□ 2.88 PiB
- □□□□□ 0□□□□□□□□□□ 7□□□□□□□□ 4□
- IO□□□□□ Dell PowerEdge R740xd: zfs
- □□□ 2*25 Gigabit Ethernet
- □□□ RAID-Z3
- □□□□□ /archive □□□□□

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/tmp/ /var/tmp/

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/dev/shm/

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/ssd/ /tmp/ssd

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