














-  4.61 PiB



-  bbfs
-  fsb  fs04  fs08  fs09  fs10  fs12  fs13  fs14
-  fs00
-  /archive



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











Tier 0 

















[/bbfs](#)


















- 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

- RAID0 Dell PERC H730P Mini (LSI SAS3108 ROC), 2GB NV cache with Intelligent Battery Backup Unit
- 6 8TByte 3.5-inch 7.2Krpm 12Gb/s SAS 6 RAID6
- RAID0 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+RAID5



# Tier 2



## /archive

- 100% utilization
- 2.88 PiB
- 0MB free, 7MB used, 4MB reserved
- IO Dell PowerEdge R740xd: zfs
- 2\*25 Gigabit Ethernet
- RAID-Z3
- /archive



/.zfs/snapshot

/archive /archive/.zfs/snapshot /archive/.zfs/snapshot/20220904-0000 2022 9 4

0 0



# Tier 2



