

Composition

- 2 R720
- 2 R720+K20
- 2 R720+PHI
- 4 R820

R720

| | |
|----------------|---|
| CPU | 2 x Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz → 16 cores |
| Memory | 256Go |
| Storage | 6To |

R720 + K20

| | |
|----------------|---|
| CPU | 2 x Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz → 16 cores |
| Memory | 256Go |
| GPU | 2 x NVidia Tesla K20m |
| Storage | 6To |

R720 + PHI

| | |
|----------------------|---|
| CPU | 2 x Intel(R) Xeon(R) CPU E5-2670 0 @ 2.60GHz → 16 cores |
| Memory | 256Go |
| Coprocesseurs | 2 x INTEL XEON PHI 5110P |
| Storage | 6To |

R820

| | |
|----------------|---|
| CPU | 4 x Intel(R) Xeon(R) CPU E5-4620 0 @ 2.20GHz → 32 cores |
| Memory | 512Go |
| Storage | 5,5To |

Total

Nous avons à disposition :

| Machine | Quantité | Cores | Total | Mémoire par machine (Go) | Stockage par machine (To) |
|--------------|-----------|-------|------------|--------------------------|---------------------------|
| R720 | 2 | 16 | 32 | 256 | 6 |
| R720 + K20 | 2 | 16 | 32 | 256 | 6 |
| R720 + PHI | 2 | 16 | 32 | 256 | 6 |
| R820 | 4 | 32 | 128 | 512 | 5,5 |
| Total | 10 | | 256 | 3 840 | 58 |

Réseau

L'interconnexion se fait en 10Go optique, sur commutateur Dell PowerConnect 8132F.

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