Composition

- 1 R640
- 1 R720+K20
- 1 R730+K20
- 1 R730+K80
- 2 R720+PHI
- 5 R730
- 1 R7525
- 1 R820
- 2 R7920+A6000
- 2 R7960+RTX4500

R640

CPU	2 x Intel(R) Xeon(R) Silver 4116 CPU @ 2.10GHz→ 24 cores
Memory	64Go

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

R730 + K20

CPU	2 x Intel(R) Xeon(R) CPU E5-2670 v3 @ 2.30GHz → 24 cores
Memory	256Go
GPU	1 x NVidia Tesla K20m

R730 + K80

CPU	2 x Intel(R) Xeon(R) CPU E5-2630 v4 @ 2.20GHz → 20 cores
Memory	256Go
GPU	1 x NVidia Tesla K80

R730

CPU	2 x Intel(R) Xeon(R) CPU E5-2699 v3 @ 2.30GHz → 36 cores
Memory	512Go
CPU	2 x Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz → 24 cores
Memory	256Go
CPU	2 x Intel(R) Xeon(R) CPU E5-2630 v4 @ 2.20GHz → 20 cores
Memory	256Go

CPU	2 x Intel(R) Xeon(R) CPU E5-2697 v4 @ 2.30GHz CPU @ 2.3GHz → 36 cores
Memory	512Go
CPU	2 x Intel(R) Xeon(R) CPU E5-2697 v4 @ 2.30GHz CPU @ 2.3GHz→ 36 cores
Memory	512Go

R7525

CPU	2 x AMD EPYC 7502 32-Core Processor CPU @ 2.5GHz → 128 cores
Memory	512Go

R820

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

R7920 + A6000

CPU	2 x Intel(R) Xeon(R) Gold 6248R CPU @ 3.00GHz → 96 cores
Memory	512Go
GPU	2 x NVIDIA RTX A6000

R7960 + RTX4500

CPU	2 x Intel(R) Xeon(R) Gold 6426Y CPU @ 2.5GHz → 64 cores
Memory	512Go
GPU	2 x NVIDIA RTX 4500

Total

Nous avons à disposition :

Machine	Quantité	Cores	Total	Mémoire par machine (Go)
R640	1	24	24	64
R720 + K20	2	16	32	256
R730 + K20	1	24	24	256
R730 + K80	1	20	20	256
R730	5	36+24+20+36+36	152	512*3 + 2*256
R7525	1	128	128	512
R820	3	32	96	512
R7920 + A6000	2	96	192	512
R7960 + RTX4500	2	64	128	512
Total	**18**		**796**	**4 928**

Réseau

L'interconnexion se fait en 10Gb optique.

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