

Partitions

Some partitions are limited to certain groups (see Notes column)

Greenplanet Partitions (gplogin2/gplogin3)

[Partitions in **blue** are best for general use]

[Partitions in **red** are only on the side being upgraded to Rocky 8/Alma 9 (gplogin1)]

Partition	Nodes	CPU Arch	GFLOPS/core	Cores/node	RAM	Disk	Notes
atlas	8	Intel (Westmere) 2.4/2.9 GHz	~11	8-12	24G	0.2-7T	ATLAS (Taffard, Whiteson)
brd2.4	6	Intel (Broadwell) 2.4 GHz		28 (4 nodes) 20 (2 nodes)	128G (28C) 256G (20C)	372G (28C) 1.1T (20C)	c-14-10,c-14-12 (28C) c-19-[411-414] (20C)
cas2.5	4	Intel (Cascade Lake) 2.5 GHz		40	192G	400G SSD	Wodarz
cas3.6	1	Intel (Cascade Lake) 3.6 GHz		16	1.5T	1.7T SSD	Primeau
has2.5	4	Intel (Haswell) 2.5 GHz		24	128G	372G	
ilg2.3	46	AMD (Interlagos) 6276 2.3 GHz	18.4	32*	128G	900G	*32 FP cores, 64 Integer cores
m-c1.9	10	AMD (Magny-Cours) 6168 1.9 GHz	7.6	48	64G	900G	
m-c2.2	2	AMD (Magny-Cours) 6174 2.2 GHz	8.8	48	64-128G	1.4T	

Partition	Nodes	CPU Arch	GFLOPS/core	Cores/node	RAM	Disk	Notes
nes2.8	214	Intel (Nehalem/Westmere) 2.7/2.8 GHz	~11	8-12	12-48G	100-500G	
sib2.9	45	Intel (Sandy-/Ivy-Bridge) 2.8/2.9 GHz	~23	16-20	32-128G	900G+	
sky2.4	13	Intel (Skylake) 2.4 GHz		40	96G	220-740G	Moore & Randerson nodes
sky3.0	7	Intel (Skylake) 3.0 GHz		24	384G	1.6T SSD	Lowengrub
wodarz	4	Intel (Broadwell) 2.4 GHz		28	128G		Wodarz
gpu	2	Intel (Haswell) 2.4 GHz + 8 Nvidia TitanX GPUs					Mobley, Poulos
kn1.3	2	Intel (Knights Landing)		64	48G		4 threads/core, no Infiniband

There is also a special partition called "scavenge" that is intended to make use of otherwise idle nodes. Scavenge contains all the free-access nodes, but jobs may get preempted (killed) by high priority jobs. It must be used with the qos "scavenger".

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