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**
knl1.3	**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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