

Compute node configuration

The table below shows the configuration of the compute nodes currently available on the system.

Node Type	Node Details		
Compute Node (CN)	2 memory node types <ul style="list-style-type: none"> Large memory nodes featuring 512 GB RAM Standard memory nodes with 256 GB RAM 		
	Large memory nodes	Processor	<ul style="list-style-type: none"> 2 x AMD 7742 per node (dual socket) <ul style="list-style-type: none"> 2.2 GHz at 225W (Turbo: up to 3.3 GHz) 64 cores per processor, 128 threads
		Memory	<ul style="list-style-type: none"> 512 GB RAM per node (~497 GB available for users) <ul style="list-style-type: none"> 16 x 32GB DIMMS per node Cache: <ul style="list-style-type: none"> L1: 4 MB <ul style="list-style-type: none"> L1d: 2MB (64x32KB, 8-way set associative) L1i: 2MB (64x32KB, 8-way set associative) L2: 32 MB (64x512KB, 8-way set associative) L3: 256MB (16x16MB)
		Network	<ul style="list-style-type: none"> Cassini Slingshot-11 NIC
	Standard memory nodes	Processor	<ul style="list-style-type: none"> 2 x AMD 7742 per node (dual socket) <ul style="list-style-type: none"> 2.2 GHz at 225W 64 cores per processor, 128 threads
		Memory	<ul style="list-style-type: none"> 256 GB RAM per node (~245 GB available for users) <ul style="list-style-type: none"> 16 x 16GB DIMMS per node Cache: <ul style="list-style-type: none"> L1: 4 MB <ul style="list-style-type: none"> L1d: 2MB (64x32KB, 8-way set associative) L1i: 2MB (64x32KB, 8-way set associative) L2: 32 MB (64x512KB, 8-way set associative) L3: 256MB (16x16MB)
		Network	<ul style="list-style-type: none"> Cassini Slingshot-11 NIC

Please have a look at the section [Running Jobs](#) of the [Alps \(Eiger\) User Guide](#) that shows how to allocate compute nodes on the system using the Slurm workload manager.