How to get additional information on memory and cpu usage of my job?

Get information about resources utilization for a job in the queue:

qstat has a very nice option "-ext" which will give you extensive information on your jobs, including memory and cpu utilization.

```
[testuser@login-node-1-0 ~]$ qstat -ext
job-ID  prior   ntckts  name       user         project          department state cpu mem   io   tckts ovrts otckt ftckt stckt share queue
slots ja-task-ID
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
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2799545 0.80904 0.04348 myjob      testuser       NA               defaultdep Rr
1:08:56:35 109259.36623 0.00477   289     0     0   289     0 0.00
all.q@compute-7-1.local            1 106
```

use man qstat to see definitions for the variables. In particular, mem is measured in GB seconds...

Enhanced Output (with -ext)

For each job the following additional items are displayed:

- **ntckts** The total number of tickets in normalized fashion.
- **project** The project to which the job is assigned as specified in the qsub(1) -P option.
- **department** The department, to which the user belongs (use the -sl and -su options of qconf(1) to display the current department definitions).
- **cpu** The current accumulated CPU usage of the job in seconds.
- **mem** The current accumulated memory usage of the job in Gbytes seconds.
- **io** The current accumulated IO usage of the job.
- **tckts** The total number of tickets assigned to the job currently...