

CLIRAD+CVS T341L64 10dias deltat=200

%NQSII(INFO): ----- Output from job:0000 -----

```
PID TTY      TIME COMMAND
17461 ?      0:00 csh
17462 ?      0:00 mpid
17463 ?      0:00 mpid
17470 ?      0:00 ps
  UID  PID  PPID  JID  C   STIME TTY      TIME COMMAND
  poeta 17461 17460 5961 3 22:43:58 ?      0:00 -csh
  poeta 17462 17461 5961 2 22:43:58 ?      0:00 /usr/lib/mpi/mpid
  poeta 17463 17462 5961 0 22:43:58 ?      0:00 /usr/lib/mpi/mpid
  poeta 17471 17461 5961 0 22:44:00 ?      0:00 ps -fu poeta
```

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

```
=====
Welcome to tupan01: SUPER-UX 14.1 SX-6
Today is Sun Jun  4 22:44:00 GMT 2006
=====
```

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

```
=====
Welcome to tupan01: SUPER-UX 14.1 SX-6
Today is Sun Jun  4 22:44:01 GMT 2006
=====
```

MPI/SX: command Version 7.1.3 (13. May 2005): Copyright (c) NEC Corporation 1996-2005
MPI/SX: daemon Version 7.1.4 (14. June 2005): Copyright (c) NEC Corporation 1996-2005

Values of significant variables used by MPI/SX:

```
-----
DISPLAY          =
MPICOLLORDER     = OFF
MPICOMMINF       = NO
MPIMULTITASKMIX = ON
MPIPROGINF       = DETAIL
MPISUSPEND       = OFF
MPIVERSION       = ON
```

Derived and further values:

```
-----
Wait method      : Busy waiting
Global memory    : SX Global Memory
Inter Node Communication : IXS; ARNA returns ACK/NACK in register
Number of RCU's  : 1
Number of GCR's  : 32
GBC/GBCF flags   : Available (up to 8 flags)
```

Multi-node Job limits:

```
-----
Interactive jobs   = No limit
All NQS jobs      = No limit
  NQS/MPI jobs    = No limit
  standard NQS jobs = No limit
```

/usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan01

MPI Program Information:

```
=====
Note: It is measured from MPI_Init till MPI_Finalize.
[U,R] specifies the Universe and the Process Rank in the Universe.
```

```
Global Data of 32 processes :           Min [U,R]           Max [U,R]           Average
=====
Real Time (sec)           :      8041.362 [0,31]      8042.165 [0,5]      8041.659
```

User Time (sec)	:	7094.452 [0,0]	7196.482 [0,16]	7178.300
System Time (sec)	:	21.572 [0,22]	41.238 [0,0]	23.262
Vector Time (sec)	:	4841.326 [0,31]	6403.213 [0,0]	5452.544
Instruction Count	:	573513167181 [0,0]	813942249344 [0,30]	733680613250
Vector Instruction Count	:	158490833415 [0,31]	229939332621 [0,0]	191276847584
Vector Element Count	:	32183814065185 [0,31]	48549102296653 [0,0]	39022019252496
FLOP Count	:	15404497035240 [0,31]	22605596583183 [0,0]	18749668698881
MOPS	:	4572.522 [0,31]	6891.677 [0,0]	5512.130
MFLOPS	:	2146.641 [0,31]	3186.376 [0,0]	2612.181
Average Vector Length	:	186.970 [0,26]	219.219 [0,16]	204.248
Vector Operation Ratio (%)	:	98.083 [0,31]	99.297 [0,0]	98.610
Memory size used (MB)	:	1632.926 [0,22]	2136.926 [0,0]	1736.534
Global Memory size used (MB)	:	16.000 [0,0]	32.000 [0,5]	18.000
MIPS	:	80.840 [0,0]	113.544 [0,30]	102.201
Instruction Cache miss (sec)	:	110.538 [0,0]	519.264 [0,31]	334.062
Operand Cache miss (sec)	:	107.532 [0,0]	396.075 [0,31]	261.670
Bank Conflict Time (sec)	:	23.661 [0,25]	67.480 [0,7]	33.218

Overall Data:

=====

Real Time (sec)	:	8042.165
User Time (sec)	:	229705.616
System Time (sec)	:	744.379
Vector Time (sec)	:	174481.419
GOPS (rel. to User Time)	:	176.373
GFLOPS (rel. to User Time)	:	83.584
Memory size used (GB)	:	54.267
Global Memory size used (GB)	:	0.563

logout

%NQSII(INFO): ----- Output from job:0001 -----

/usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan10

%NQSII(INFO): ----- Output from job:0002 -----

/usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan11

%NQSII(INFO): ----- Output from job:0003 -----

/usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan00