

CLIRAD+CVS T341L64 2dias deltat=180

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

```
PID TTY      TIME COMMAND
11055 ?      0:00 csh
11056 ?      0:00 mpid
11057 ?      0:00 mpid
11064 ?      0:00 ps

  UID  PID  PPID  JID  C   STIME TTY      TIME COMMAND
  poeta 11055 11054 5420 2 13:55:51 ?      0:00 -csh
  poeta 11056 11055 5420 3 13:55:51 ?      0:00 /usr/lib/mpi/mpid
  poeta 11057 11056 5420 0 13:55:51 ?      0:00 /usr/lib/mpi/mpid
  poeta 11065 11055 5420 0 13:55:53 ?      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 Thu Jun  1 13:55:53 GMT 2006
=====
```

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

```
=====
Welcome to tupan01: SUPER-UX 14.1 SX-6
Today is Thu Jun  1 13:55:53 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:

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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)           :           2395.875 [0,26]           2396.878 [0,8]           2396.350
```

User Time (sec)	:	1715.769 [0,0]	1769.412 [0,22]	1745.048
System Time (sec)	:	16.812 [0,10]	22.775 [0,0]	17.120
Vector Time (sec)	:	1189.973 [0,31]	1564.647 [0,0]	1334.888
Instruction Count	:	135217427743 [0,0]	194796136528 [0,30]	175117557906
Vector Instruction Count	:	38283157493 [0,31]	55651835685 [0,0]	46173847846
Vector Element Count	:	7840143760516 [0,31]	11815959263704 [0,0]	9497519542811
FLOP Count	:	3737921056275 [0,31]	5487700647491 [0,0]	4543306067759
MOPS	:	4558.466 [0,31]	6933.058 [0,0]	5517.299
MFLOPS	:	2132.317 [0,31]	3198.391 [0,0]	2603.912
Average Vector Length	:	187.958 [0,26]	221.139 [0,16]	205.944
Vector Operation Ratio (%)	:	98.113 [0,31]	99.331 [0,0]	98.644
Memory size used (MB)	:	1656.848 [0,22]	2162.895 [0,0]	1760.522
Global Memory size used (MB)	:	16.000 [0,0]	32.000 [0,3]	18.000
MIPS	:	78.809 [0,0]	111.223 [0,30]	100.339
Instruction Cache miss (sec)	:	22.991 [0,0]	119.944 [0,31]	75.207
Operand Cache miss (sec)	:	23.717 [0,0]	100.720 [0,31]	66.433
Bank Conflict Time (sec)	:	14.847 [0,30]	25.779 [0,7]	18.160

Overall Data:

=====

Real Time (sec)	:	2396.878
User Time (sec)	:	55841.550
System Time (sec)	:	547.829
Vector Time (sec)	:	42716.408
GOPS (rel. to User Time)	:	176.526
GFLOPS (rel. to User Time)	:	83.313
Memory size used (GB)	:	55.016
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 tupan11

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

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

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

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