

# CVS T341L64 10dias deltat=200

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

```
PID TTY      TIME COMMAND
3166 ?       0:00 csh
3167 ?       0:00 mpid
3168 ?       0:00 mpid
3175 ?       0:00 ps

  UID  PID  PPID  JID  C   STIME TTY      TIME COMMAND
  poeta 3166  3165  6305  1 12:39:28 ?       0:00 -csh
  poeta 3167  3166  6305  1 12:39:28 ?       0:00 /usr/lib/mpi/mpid
  poeta 3168  3167  6305  0 12:39:28 ?       0:00 /usr/lib/mpi/mpid
  poeta 3176  3166  6305  0 12:39:30 ?       0:00 ps -fu poeta
```

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

```
=====
Welcome to tupan00: SUPER-UX 14.1 SX-6
Today is Sat Jun  3 12:39:30 GMT 2006
=====
```

stty: : Invalid argument

vt100

resize: can't open terminal /dev/tty

```
=====
Welcome to tupan00: SUPER-UX 14.1 SX-6
Today is Sat Jun  3 12:39:30 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:

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

Derived and further values:

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```
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:

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```
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 tupan00

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)           :           6334.937 [0,29]           6335.521 [0,7]           6335.255
```

User Time (sec)	:	5423.588 [0,0]	5529.708 [0,14]	5509.545
System Time (sec)	:	20.744 [0,4]	38.910 [0,0]	21.581
Vector Time (sec)	:	4367.788 [0,22]	4792.350 [0,0]	4525.388
Instruction Count	:	445590810871 [0,0]	536546015599 [0,26]	497700599687
Vector Instruction Count	:	145554973993 [0,19]	169703461142 [0,2]	153489992756
Vector Element Count	:	30616364172841 [0,26]	33511745995289 [0,0]	31594993188349
FLOP Count	:	15241221183360 [0,26]	16139705809867 [0,0]	15619127568873
MOPS	:	5621.444 [0,26]	6230.759 [0,0]	5797.295
MFLOPS	:	2764.231 [0,26]	2975.835 [0,0]	2834.994
Average Vector Length	:	191.509 [0,29]	213.781 [0,17]	206.103
Vector Operation Ratio (%)	:	98.778 [0,26]	99.168 [0,0]	98.921
Memory size used (MB)	:	1627.116 [0,22]	2129.648 [0,0]	1729.818
Global Memory size used (MB):	:	16.000 [0,0]	32.000 [0,7]	18.000
MIPS	:	82.158 [0,0]	97.311 [0,26]	90.332
Instruction Cache miss (sec)	:	111.376 [0,0]	238.580 [0,22]	196.645
Operand Cache miss (sec):	:	92.645 [0,0]	114.535 [0,9]	106.571
Bank Conflict Time (sec):	:	21.505 [0,25]	62.463 [0,7]	29.649

Overall Data:

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Real Time (sec)	:	6335.521
User Time (sec)	:	176305.446
System Time (sec)	:	690.597
Vector Time (sec)	:	144812.416
GOPS (rel. to User Time)	:	185.506
GFLOPS (rel. to User Time)	:	90.717
Memory size used (GB)	:	54.057
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 tupan01

%NQSII(INFO): ----- Output from job:0002 -----  
 /usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan10

%NQSII(INFO): ----- Output from job:0003 -----  
 /usr/lib/mpi/mpid: Creating 8 processes of '/gfs/home1/poeta/MPIGlobal/run/mpisep.sh' on local host tupan11