



# Tech Info Library

## A/UX 2.0 kohrnerstone Benchmark?

Article Created: 9 September 1991

### Article Change History

08/31/92 - REVIEWED

- For technical accuracy

### TOPIC

Are there any benchmarks for a Macintosh IIfx with A/UX 2.0.X running the Kohrnerstone or similar benchmarks that take into account I/O speed?

### DISCUSSION

Here are the results of benchmarks compiled with the standard compilers (C, Fortran) included in the A/UX package.

	Macintosh IIci	Macintosh IIcx	Macintosh IIfx
mips	3,02	2,00	5,30 (Joy Mips)
dhrynr	3332,00	2105,00	5630,00 (dhrystone no register)
dhryr	3545,00	2228,00	5828,00 (dhrystone register)
dhrynro	5529,00	3494,00	10270,00 (no register with -o option)
dhryro	5571,00	3507,00	10101,00 (register with -o option)
Kwhets	928,00	595,00	1347,00 (whetstone single precision)
Kwhetd	858,00	540,00	1381,00 (whetstone double precision)

linpackrsKflops164,00      103,00      264,00  
 (linpackrs, single precision,with optimisation,rolled):264 Kflops)

linpackusKflops173,00      110,00      284,00  
(linpackus, single precision,with optimisation,unroll):264 Kflops)

linpackrdKflops152,00      95,00      246,00  
(linpackrd, double precision,with optimisation,rolled):264 Kflops)

linpackudKflops 159,00      99,00      257,00  
(linpackud, double precision,with optimisation,unroll):264 Kflops)

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 8315