	Cyrix 5x86 133 Mhz	Cyrix 5x86 120 Mhz	Cyrix 5x86 100 Mhz	Cyrix 5x86 100 Mhz (!)	Cyrix DX4 100 Mhz	Cyrix DX2 66 Mhz	AMD X5 (ADZ) 160 Mhz (*)	AMD X5 (ADZ) 133 Mhz	AMD DX4 100 Mhz	Intel P24T 100 Mhz (*)	Intel P24T 83 Mhz	Intel DX4 (SK096) 100 Mhz	Intel DX 33 Mhz	Intel SX2 50 Mhz
Norton Sysinfo v8.0 (arb. units)	353	318	265	275	170	113	238	198	198	238	198	198	72	108
PC-Config v9.33 (% of Pentium100)	110	103	83	86	60	40	90	76	63	83	66	66	20	33
3Dbench v1.0 (arb. units)	90.9	71.4	76.9	83.3	62.5	47.6	76.9	76.9	66.6	90.9	76.9	71.4	-	38.4
Pcpbench v1.97 (arb. units)	8.2	7.1	7.3	7.4	6.6	5.4	7.5	7.6	6.6	9.2	7.7	7.8	-	3.8
Speedsys v4.78														
-Rating (arb. units)	73.6	66.6	55.1	56.7	40.3	26.9	60	48.3	37.5	73.1	60.9	42.4	12.5	18.4
-Graphics Memory Bandwidth (MB/s)	35	28.2	34.6	34.6	34.6	34.6	28.8	34.6	34.6	42.1	35	34.6	27.2	26.3
-System Memory Bandwidth (MB/s)	100	121	100	100	100	100	121	100	100	121	100	100	71	74
-Ave. L1 Cache (MB/s)	188	174	145	143	77	59	141	84	73	93	78	74	35	47
-Ave. L2 Cache (MB/s)	61	68	57	57	50	46	59	53	51	57	47	51	29	32
-Ave. RAM Cache (MB/s)	41	48	40	40	41	38	45	38	37	44	36	37	20	27
Cachechk v4.0														
-L1 Cache (MB/s)	272	247	205	206	83	-	165	137	103	139	115	104	-	-
-L2 Cache (MB/s)	93	96	80	80	62	50	75	62	56	61	51	56	31	51
-Memory (MB/s)	50	55	46	46	50	42	48	39	37	42	34	37	21	24
-RAM Access Time (Read) (ns)	84	76	91	91	84	99	88	106	114	201	244	114	204	171
-RAM Access Time (Write) (ns)	61	50	61	61	61	60	51	61	61	101	123	61	120	82
Dhrystone Benchmark v1.1														
DHRY1OD (VAX MIPS Rating)	138	124	104	106	75	50	158	101	87	122	101	89.6	33.5	49.1
Linpack Benchmark														
[Rolled Double Precision]														
LINPCOD (MFLOPS)	6.6	6.7	5.6	5.3	3.2	2.2	6.8	5.8	4.5	9.3	7.8	4.6	1.6	0.02
Whetstone Benchmark														
[Single Precision]														
WHETCOD, MWIPS (MFLOPS)	59.8	53.9	44.8	45.2	31	20.7	40.4	33.6	25.2	65.6	54.8	26.2	8.4	0.3
-N1, Floating Point (MFLOPS)	16.6	15	12.5	12.7	5.7	3.8	12.4	10.3	7.8	27.3	22.4	7.9	2.6	0.1
-N2, Floating Point (MFLOPS)	13.7	12.3	10.2	10.2	5.2	3.5	9.7	8	6	17.1	14.4	6.1	2	0.1
-N3, If Then Else (MOPS)	19	17.2	14.3	16.7	8.9	5.9	15.5	12.8	9.5	18.7	15.8	9.5	3.2	6.2
-N4, Fixed Point (MOPS)	14.3	12.9	10.7	11	12.5	8.4	15.6	13	9.7	16.4	13.7	15.5	3.2	0.1
-N5, Sine, Cosine (MOPS)	2.3	2.1	1.7	1.7	1.5	1	1.3	1.1	0.8	2.6	2.1	0.8	0.3	0.02
-N6, Floating Point (MFLOPS)	9.2	8.3	6.9	6.9	4.1	2.7	6.5	5.4	4.1	10.2	8.5	4.1	1.4	0.04
-N7, Assignments (MOPS)	18.2	16.4	13.7	13.7	5.8	3.9	13	10.8	8	20.1	16.7	8.6	2.7	0.03
-N8, Exp, Sqrt, etc (MOPS)	1.53	1.38	1.15	1.15	1	0.67	0.84	0.7	0.53	1.53	1.28	0.53	0.17	0.01

Test System

PC Chips M919 v3.4 B/F (Hsing Tech Enterprise)
16 MB EDO RAM (60 ns) [BIOS: 0WS/0WS]
256 KB Double-banked L2 SRAM Cache (15 ns), Write-back [BIOS: 2-1-2]
Matrox Millennium G200 PCI Graphics Card, 16 MB SDRAM

Cyrix 5x86 Register Bits set ON

LSSER (Reorder)	FP_FAST	MEM_BYP	LOCK_NW
LOOP_EN	WT1	LINBRST	MAPEN0
RSTK_EN	USE_WBAK	USE_SMI	SMM_MODE
BWRT	DET_E	USE_SUSP	

Future tests to add:

AMD X5-200
Cyrix 5x86-133 w/Biostar MB-8433UUD v3.0
Cyrix 5x86-133 w/Enhancements off
Quake1 benchmark
Establish Cyrix 5x86-133 and POD-100 Windows stability

(!) BTB_EN set ON (branch prediction), BWRT, LOOP_EN, RSTK_EN set OFF

(*) Overclocked setting. Windows stability has not yet been confirmed with the Pentium Overdrive (P24T) overclocked to 100 Mhz.

Dhrystone, Linpack, and Whetstone are from Roy Longbottom's benchmark pack.