

CPU Statistics Analysis Table

Name	Announced	Ship Date	Die (mm^2)	Total Trans	Clock (MHZ)	U/I Cache	D Cache	Logic Trans	Trans/mm^2
8086	1978				4.77	0K	0K	0	0
8088	1980				4.77	0K	0K	0	0
80286	1982				8.00	0K	0K	0	0
80386/16	1985	Nov-86			16.00	0K	0K	0	0
80386DX33	1986			320,000	33.00	0K	0K	320,000	0
80486DX2 66	1988	Aug-92		1,200,000	66.00	8K	0K	806,784	0
80486DX25	1988	Jun-89	82.0	1,200,000	33.00	8K	0K	806,784	14,634
80486DX33	1988	Feb-90	160.0	1,200,000	33.00	8K	0K	806,784	7,500
80486DX50	1988	Mar-92	160.0	1,200,000	50.00	8K	0K	806,784	7,500
Alpha21064	1992	Nov-92		1,680,000	160.00	8K	8K	893,568	0
Alpha21064	1992	Nov-92		1,680,000	133.00	8K	8K	893,568	0
Alpha21064	1992	May-93		1,680,000	100.00	8K	8K	893,568	0
Alpha21064	1992	Oct-93	233.5	1,680,000	150.00	8K	8K	893,568	7,195
Alpha21064	1992	Oct-93		1,680,000	175.00	8K	8K	893,568	0
Alpha21064	1993	Oct-93		1,680,000	200.00	8K	8K	893,568	0
Alpha21064	1992	Feb-94		1,680,000	125.00	8K	8K	893,568	0
Alpha21064A	1994	Aug-94		2,800,000	275.00	16K	16K	1,227,136	0
Alpha21064A	1994	Sep-94		2,800,000	225.00	16K	16K	1,227,136	0
Alpha21066			209.0	1,750,000	133.00	8K	8K	963,568	8,373
Alpha21068					66.00			0	0
Alpha21164			298.7	9,300,000	300.00	104K	8K	1,800,000	31,135
Alpha21164				9,300,000	266.00			1,800,000	0
Arm 610				360000	25.00	4K	0K	163,392	0
Arm 710				540000	33.00	8K	0K	146,784	0
HP PA		Oct-86						0	0
HP PA1.1	1991	Apr-91			33.00	32K	64K	0	0
HP PA1.1	1991	Apr-91			50.00	32K	64K	0	0
HP PA1.1	1991	Jan-92			35.00	32K	64K	0	0
HP PA1.1	1991	Jan-92			66.00	256K	256K	0	0
HP7100	1992	Oct-92	201.6	850,000	100.00	256K	256K	0	4,216
HP7100	1992	Dec-92			33.00	64K	64K	0	0
HP7100	1992	Dec-92			50.00	64K	64K	0	0
HP7100	1992	Oct-93			75.00	256K	256K	0	0
HP7100	1992	Nov-93			80.00			0	0
HP7100LC	1994		196.0	800,000	100.00			800,000	4,082
HP7150	1994	Mar-94	196.0	850,000	125.00			850,000	4,337
HP7200	1994		210.0	1,260,000	140.00	1K	2K	1,112,544	6,000
Intel 860	1989		144.0		33.00			0	0
MicroSparc II			213.0					0	0
MIPS R10000	1994		298.0	5,900,000	200.00	32K	32K	2,754,272	19,799
MIPS R2000	1988	Dec-91			8.00			0	0
MIPS R2000	1988	Dec-91			12.50			0	0
MIPS R3000	1988	Mar-92	72.0	125,000	33.00			125,000	1,736
MIPS R3000A	1988	Dec-91		125,000	20.00	0K	0K	125,000	0
MIPS R3000A	1988	Dec-91		125,000	25.00	0K	0K	125,000	0
MIPS R4000	1992		165.0	1,300,000	100.00	8K	8K	513,568	7,879
MIPS R4200	1993		76.0	1,400,000	80.00	16K	8K	220,352	18,421
MIPS R4400	1992		186.0	2,300,000	120.00	16K	16K	727,136	12,366
MIPS R4400	1992		184.0	2,300,000	150.00	16K	16K	727,136	12,500
MIPS R6000		Oct-91	77.0	1,800,000	60.00	16K	16K	227,136	23,377

CPU Statistics Analysis Table

Name	Announced	Ship Date	Die (mm ²)	Total Trans	Clock (MHZ)	U/I Cache	D Cache	Logic Trans	Trans/mm ²
Motorola 68000				68,000				68,000	0
Motorola 68030					33.00	0.256K	0.256K	0	0
Motorola 68030					50.00	0.256K	0.256K	0	0
Motorola 68040	1989	Oct-91	126.4	1,200,000	25.00	4K	4K	1,800,000	9,494
Motorola 68040	1989	Nov-92		1,200,000	33.00	4K	4K	1,800,000	0
Motorola 68040	1989	Dec-92		1,200,000	40.00	4K	4K	806,784	0
Motorola 68040	1989	Jun-93		1,200,000	50.00	4K	4K	806,784	0
Motorola 68060	1993			2,400,000	50.00	8K	8K	1,613,568	0
Motorola 88000	1989	Feb-89			16.67			0	0
Motorola 88100	1991	Nov-91			25.00			0	0
Motorola 88100	1992	Nov-92			33.00			0	0
Motorola 88100	1989		81.0		33.00			0	0
Motorola 88110	1993	Aug-93			50.00			0	0
Motorola 88110	1993	Dec-93			40.00			0	0
MPC 601	1992	Oct-93	118.8	2,800,000	66/80	16K	16K	1,227,136	23,569
MPC 601	1994	Oct-93	74.0	2,800,000	100.00	16K	16K	1,227,136	37,838
MPC 603	1993		85.1	2,800,000	80.00	8K	8K	2,013,568	32,902
MPC 604	1994		195.9	3,100,000	100.00	16K	16K	1,527,136	15,823
MPC 620	1994		311.2	6,900,000	133.00	32K	32K	3,754,272	22,172
Pentium 100	1994	Jan-94		3,100,000	100.00			3,100,000	0
Pentium 60	1993	Jul-93	262.4	3,100,000	60.00	8K	8K	2,313,568	11,814
Pentium 66	1993	Jun-93	294.0	3,100,000	66.70	8K	8K	2,313,568	10,544
Pentium 66	1993	Sep-93	294.0	3,100,000	66.70	8K	8K	2,313,568	10,544
Pentium 90	1994	Jan-94		3,100,000	90.00	8K	8K	2,313,568	0
Power 2	1993	Oct-93		19,200,000	55.00	32K	256K	5,044,224	0
Power 2	1993	Oct-93		19,200,000	66.00	32K	256K	5,044,224	0
Power 2	1993	Oct-93		19,200,000	71.50	32K	256K	5,044,224	0
Power 4132	1990	Mar-91		4,700,000	42.00	8K	32K	2,733,920	0
Power 5032	1991	Mar-91		6,900,000	25.00	32K	32K	3,754,272	0
Power 5032	1991	Feb-92		6,900,000	33.00	32K	32K	3,754,272	0
Power 5032	1991	Feb-92		6,900,000	41.67	32K	32K	3,754,272	0
Power 5032	1991	Mar-92		6,900,000	50.00	32K	32K	3,754,272	0
Power RSC	1992	Mar-93			33.00	8K	0K	0	0
Power RSC	1992	May-93			45.50	8K	0K	0	0
RS/6000 370	1991	Mar-93			62.50			0	0
Sparc ??1	1991	Jul-91			40.00			0	0
Sparc ??1	1992	Feb-92			33.00			1,800,000	0
Sparc LSI	1990	Jul-90			25.00			1,800,000	0
Sparc Ross	1988	Dec-89	56.0		33.00			0	0
Sparc Ross	1988	Nov-90			40.00			0	0
Sparc Ross	1988	Sep-91			25.00			0	0
Sparc Ross	1988	Aug-92			40.10			0	0
Sparc Tsunami		Nov-92			50.00			0	0
Sparc Viking		Sep-92			36.00			0	0
Sparc Viking		Sep-92			40.33			0	0
Sparc Viking		Nov-92			33.00			0	0
Sparc Viking		Apr-93			40.00			0	0
Sparc Viking		Jun-93			50.00			0	0
Sparc Viking		Oct-93			40.00			0	0
Ultrasparc			315.0	3,800,000	167.00	16K	16K	2,227,136	12,063