

INTEL ADDS 933, CUTS PRICES

By Keith Diefendorff {6/5/00-03}

On May 24, Intel plugged the final gap in its high-end product line, a gap it created when it hurried the launch of its 1GHz processor in a failed attempt to beat AMD to the punch (see [MPR 3/13/00-02](#), "AMD Wins Race to 1GHz by Hair"). Intel began filling the void with

850- and 866MHz versions in late March (see [MPR 4/3/00-10](#), "Intel Fills Gap with 850- and 866MHz P IIIs"), and it has now completed that task with the 933. Unlike the 1GHz part, which at the time of announcement was little more than a technology demonstration, the 933MHz version is intended as a mainstream product, indicating that yield on Intel's highest-performance devices must be improving. In fact, it must be improving substantially—Intel cannot afford to waste many wafers these days, considering the problems it is having meeting customer demand in the high-volume segment of the PC market.

The 933MHz processor delivers a SPECint2000 performance of 394 and a SPECfp2000 score of 276, improving on the 866's scores by 5% and 4%, respectively. The part is available now in SECC2 and FC-PGA packages at a quantity-1,000 list price of \$744. The processor is also available in Xeon form in an SC330 module for \$794.

To make room for the new processor in its price structure, and to twist the knife it holds in AMD's belly, on May 28 Intel slashed prices across most of its Pentium III and Xeon product lines by 20–31%, as the table shows. The price of the top-of-the-line 1GHz part remained the same, and Celeron prices were cut less dramatically, but Mobile prices were cut even more steeply than desktop prices. ♦

Processor	List Price (qty 1K)		Decrease
	4/23/00	5/28/00	
Pentium III Xeon			
933MHz w/256k cache	--	\$794	--
866MHz w/256k cache	\$794	\$612	23%
800MHz w/256k cache	\$612	\$435	29%
733MHz w/256k cache	\$425	\$425	0%
700MHz w/2M cache	--	\$1,980	--
700MHz w/1M cache	--	\$1,177	--
Pentium III			
1,000MHz	\$990	\$990	0%
933MHz	--	\$744	--
866MHz	\$744	\$562	24%
850MHz	\$733	\$551	25%
800MHz	\$562	\$385	31%
750MHz	\$455	\$337	26%
733MHz	\$337	\$246	27%
700MHz	\$316	\$241	24%
667MHz	\$251	\$193	23%
650MHz	\$241	\$193	20%
600MHz	\$193	\$193	0%
Celeron			
600MHz	\$138	\$112	19%
566MHz	\$103	\$93	10%
533MHz	\$93	\$79	15%
500MHz	\$73	\$69	5%
Mobile Pentium III			
700MHz	\$562	\$380	32%
650MHz	\$423	\$294	30%
600MHz	\$316	\$209	34%
500MHz LV	\$241	\$241	0%
400MHz LV	\$187	\$187	0%
Mobile Celeron			
550MHz	\$170	\$96	44%
500MHz	\$112	\$75	33%
450MHz	\$85	\$70	18%

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