

At a Glance

UltraSparc Unleashes SPARC Performance	1
Sun's new UltraSparc design has the potential to put SPARC back in the performance race. The four-issue superscalar processor includes new multimedia extensions. But we won't know until 3Q95 whether Sun can ship UltraSparc at its target rate of 167 MHz.	
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Intel's history includes many failed partnerships, which bodes ill for its latest coupling with HP. But Intel may ultimately benefit.	
Most Significant Bits	4
NexGen pushes 586 to 93 MHz; AMD samples half-micron 486; Mitsubishi to build faster 21066 Alpha CPU...while Olivetti considers dropping Alpha; LSI deploys MPEG-2 audio/video decoder; VLSI shrinks ARM6 core to 0.5-micron.	
Intel Reveals Next-Generation 960 H-Series	11
Intel will push i960 performance to Pentium levels with its new H-series chips, due in mid-1995. They use a 0.6-micron BiCMOS process to increase the CPU clock speed to 75 MHz and quadruple the caches of the i960 C-series parts, the current high end.	
NEC Launches Second V-Series Core	16
NEC has developed a new CPU core for consumer applications, the V850, that improves the price/performance of the original V810.	
Philips Extends 8051 Architecture to 16 Bits	17
Countering other fast 8051 parts, Philips has introduced a fast new processor that is compatible with existing 8051 code and extends the base architecture to 16 bits, offering a new level of performance.	
Fujitsu Starts New Embedded CPU Family	20
With its new FR20, Fujitsu is also targeting high-performance, low-power consumer devices with a low-cost processor.	
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DOS creator Tim Paterson writes us to clarify his view of the relationship between DOS and CP/M and denies that he copied any code.	
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