

At a Glance

Intel, HP Ally on New Processor Architecture	1
Forging a powerful new alliance, Intel and HP will jointly develop a new architecture, rumored to be based on VLIW and not RISC, that will eventually replace x86 and PA-RISC, starting around 1998.	
Editorial: Open Variant of x86 Architecture Emerging.....	3
Despite Intel's counterefforts, Cyrix and other x86 vendors are together attempting to set open standards for x86-based systems.	
Most Significant Bits	4
200-MHz R4400 to ship this fall; R8000 sets SPECfp92 record; Apple and IBM demonstrate 120-MHz 601; Motorola reportedly developing 603+; Cyrix, IBM deliver first fruit of partnership; Nex-Gen, IBM finally come to terms; Compaq ships first systems with AMD CPUs; Digital eases Alpha prices; Samsung joins list of ARM licensees; Motorola announces PPC tools for NT, Mac; Errata: PPC 604, AMD 29240.	
Motorola Chip Combines 68000 with DSP	9
Setting a new standard for integration, Motorola's new 68356 contains a 68000 CPU, a 56002 DSP, plenty of on-chip memory, and a variety of communication ports. The integrated PCMCIA interface makes the 68356 an ideal solution for portable modem cards.	
Intel Reveals Successor to 960KA	13
New J-series parts strengthen the midrange of Intel's 960 line, delivering twice the performance of the older K series at about the same price and offering new instruction-set extensions.	
Fujitsu Extends SparcLite Family	17
Another new high-end embedded chip, the 86934, adds a powerful FPU to the SparcLite core processor. The new device, also known as SparcPix, is aimed at graphics and imaging applications.	
AMD Adds New High End to 29000 Family	20
Improving its high end, AMD's new 29040 increases the maximum CPU clock rate of the 29000 line by 50% and adds a 4K data cache.	
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