

At a Glance

Zilog Introduces 32-bit Z80 to U.S.	1
Extending the 17-year-old Z80 architecture to 32 bits, Zilog proves that there is still life in its venerable architecture by doubling the clock-for-clock performance of earlier Z80 processors and offering full 32-bit addressing and arithmetic.	
Editorial: One Year Later: NT-on-RISC Still on Runway	3
Microsoft's Windows NT has been slow to take off, and most sales have been on Pentium systems, leaving RISC vendors with little to show for their efforts to penetrate the PC market.	
Most Significant Bits	4
PowerPC prices continue to tumble; R4600 hits 150 MHz, price falls; Intel begins bare-die program; National and IIT form R&D alliance; NVIDIA reveals product plans.	
LSI Builds Custom CPU for Sony PlayStation	9
Using LSI's CoreWare program, Sony has combined an R3000 CPU, JPEG decoder, and 3D graphics engine on a single chip.	
WDC Carries 6502 Flag into New Arena	10
The Western Design Center, a 10-person company led by president and chip designer Bill Mensch, has taken the 6502 from Apple II systems to Super Nintendo, selling more than 100 million chips.	
Intel Slashes Prices on Pentium, 486DX2	13
Intel has cut the prices of some Pentium processors by 38%, putting a low-end Pentium below a DX4 in price.	
Viewpoint: Room for Three Architectures in the 2000s	14
The Intel/HP alliance is a sign of further consolidation to come, as CPU vendors must show how their architectures will be competitive when x86 declines and Intel moves to a post-RISC design.	
Next-Generation CPUs to Debut at Forum	17
Several new microprocessors will debut at the Microprocessor Forum this October, including AMD's K5, Intel's P24T, UltraSparc, and the MIPS T5 as well as new PowerPC, i960, and 29K chips.	
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