

At a Glance

Graphics Chips Debut at VESA Meeting	1
Many vendors demonstrated graphics accelerators at last month's VESA meeting. IIT announced a new high-end chip and ATI showed their VRAM-based accelerator. Oak and LSI had new low-cost graphics chips, while Western Digital showed the venerable 90C31.	
The Incredible Shrinking PC	3
The meaning of the term "PC" is changing from the old desktop box to a range of physical configurations as small as palmtop systems. This change is creating new standards and allowing a wider range of processors to participate.	
Most Significant Bits	4
AMD adds 40-MHz 386SX; Intel moves 486SX up a notch; HP takes performance lead with PA7100 systems; IBM counterpunches with 62.5-MHz POWER; AMD offers cost-reduced 29000 variant; Motorola adds 68306 embedded processor; Star Semiconductor upgrades SPROC DSP chip.	
Intel Unveils "iCOMP" Performance Index	10
Intel has developed a new composite performance rating to assist unsophisticated PC buyers in comparing CPUs. Does this really help or just add to the confusion?	
Superscalar Scorecard: Who's On First?	13
A significant number of superscalar processors have now reached the market. They represent a broad range of implementations and illustrate different sets of design tradeoffs.	
Low-Voltage Chip Sets Emerge for PC Laptops	18
All of the necessary parts for building PC-compatible systems at 3V or 3.3V are nearing reality. CPU, DRAM, system logic, and peripheral chips from a variety of vendors are on the market or will be soon.	
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