

Silicon Graphics, MIPS Part Ways 1
 Silicon Graphics will cease developing MIPS processors after the current generation, moving its systems to Intel x86 and IA-64 chips. MIPS Technologies will be spun out as a separate company.

Editorial: Intel Locks Out P6 Chip-Set Vendors 3
 Intel is refusing to license merchant P6 chip-set vendors, reducing PC makers' choices and raising prices.

Most Significant Bits 4
 Intergraph gains injunction against Intel; National to ship single-chip PC in 1999; AMD ramps up 0.25-micron K6; Cyrix revises 6x86MX as M II-300.

Embedded News. 8
 MIPS sues Lexra over MIPS name, claims; DSP Group branches out; Java encroaches on embedded RTOS turf; HP spins its own embedded-Java variation; Hitachi licensed SuperH to Sony, Seiko, NTT; Motorola 56652 combines M•Core and DSP.

ARM7, ARM9 Cores to Include Cache 10
 ARM is expanding its product line with a series of "hard" cores that reduce die size and increase the performance of its CPUs.

Biggest PowerPC Drives Auto Engine. 11
 Motorola's MPC555 includes 6.7 million transistors and 448K of flash memory. It will be used to control automotive drivetrains.

Toshiba Does Windows CE at 166 MHz. 12
 The R3922 increases the performance of the MIPS product line for handheld Windows CE devices. It carries a price tag of \$40.

Embedded Benchmark Work Under Way 13
 The EDN Embedded Microprocessor Consortium expects to deploy its first suite of tests by 4Q98, providing an objective speed metric.

P6 Reaches All Market Segments 14
 Intel announced Covington, the first Celeron part; the first Mobile Pentium II processors; and 350- and 400-MHz desktop Pentium IIs.

Intel Proliferates P6 Chip Sets 18
 To support its new processors, Intel rolled out the 440BX chip set, which has a 100-MHz bus, and the 440EX, for low-cost systems.

Microsoft Focuses on Multimedia 21
 DVD and 3D graphics got the most attention at the recent WinHEC, including a new 3D user interface called Chrome.

The Slater Perspective: Integration Approaches Diverge. 23
 Vendors can combine CPU, graphics, and system logic in many ways.

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