

PC Processors for Model Year 2000 1
 Over the next year, suppliers of PC processors will introduce their next-generation parts. In this article, we review these forthcoming processors and how they stack up microarchitecturally.

Editorial: Intel Price War Causes Casualties 3
 Intel's vigorous defense of its market share through price cuts is beginning to take a toll on both the company and its competitors.

Most Significant Bits 4
 AMD loses second-in-command Raza; IDT to sell Centaur, WinChip line; Merced tapes out; Pentium III hits 600 MHz; Intel deploys Celeron-500, cuts prices; AMD drops low-power line; National to build chip sets for Via; S3 introduces new mobile Savage chips; Mitsubishi updates 3D-RAM.

Embedded News 13
 LX4280 fills Lexra's midrange; LSI logic buys ZSP; TriMedia 1300 arrives late, slow.

Alliance Detours Into Routers 14
 In its 61-million-transistor IPRP-V4 "processor," Alliance Semiconductor has applied its mixed logic/memory technology to the problems of storing, managing, and searching Internet routing tables.

National Unveils "Appliance on a Chip" 16
 After retreating from its frontal assault on Intel, National is preparing a flank attack with its MediaGX-based Geode SC1400, the company's foray into the world of highly integrated systems on a chip.

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 Previewing the architecture it will use to attack the SOC market, Fujitsu describes its configurable FR-V with VLIW, DSP, FP, and multimedia features as well as a customer-extensible instruction set.

Teak Fills Gap Between Oak and Palm 19
 DSP Group has introduced two versions of its licensable third generation of fully synthesizable DSP cores, Teak and TeakLite.

NEC Sets OpenGL 3D Speed Record 20
 Laying claim to the title of world's fastest NT OpenGL graphics accelerator, NEC says its TE4 chip set with GA400 geometry processor and PEC rendering chips offers 40% more performance than any other.

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The Slater Perspective will return in the next issue.

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