

At a Glance

Intel Accelerates Pentium Notebook Push	1
Intel's first Pentium chip set for mobile systems presages an onslaught of Mobile Pentium processors that will appear over the next year, allowing Pentium to dominate the notebook market.	
Editorial: The Death of the Superprocessor	3
The supercomputer market has turned away from large high-end processors and toward parallel microprocessor-based systems.	
Most Significant Bits	4
K5 suffers schedule, performance hits; P6 becomes Pentium Pro; World's fastest processor accelerates; Sun gooses UltraSparc frequency; Hal launches first systems; NexGen launches PCI chip set; Intel finally ships OverDrive for 486DX2-66; Intel/UMC legal battle widens; Erratum: NS486 memory speed.	
Six DRAM Vendors Back 64M Rambus Chip	8
Rambus expects that the 64-Mbit version of its high-bandwidth part, due in 1997, will be used in PC main-memory applications.	
Intel Unveils Low-Power 486SX for PDAs	9
The "Hummingbird" chip reduces the power usage of a 33-MHz 486. It is aimed at portable devices requiring PC compatibility.	
Alternative Packaging Gains Ground	11
As pin counts increase, microprocessor vendors are increasingly looking at multichip modules, TAB packages, and ball-grid arrays.	
Pentium PC Performance Varies Widely	14
PCs with synchronous caches and EDO DRAM come within 10% of Intel's published SPEC ratings, but low-cost systems fare worse.	
Viewpoint: What's Next for Microprocessor Design?	16
Brian Case proposes that future designs will include several CPUs on a single chip, possibly using a "multiscalar" approach.	
Glossary	19
Patent Watch	21
Literature Watch	22
Recent IC Announcements	23
Resources	24

MICROPROCESSOR REPORT

THE INSIDERS' GUIDE TO MICROPROCESSOR HARDWARE

Publisher and Editorial Director

Michael Slater
E-mail: mslater@mdr.zd.com

Editor in Chief

Linley Gwennap
E-mail: linley@mdr.zd.com

Senior Editor

Jim Turley
E-mail: jturley@mdr.zd.com

Editorial Assistant: Suzanne Gifford

Editorial Board

Dennis Allison	Rich Belgard
Brian Case	Jeff Deutsch
Mike Feibus	Bruce Koball
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Martin Reynolds	John Snell
Nick Tredennick	John F. Wakerly
John H. Wharton	Yong Yao

Editorial Office

480 San Antonio Rd., Suite 210
Mountain View, CA 94040

Phone: 415.917.3050 **Fax:** 415.917.3093

Microprocessor Report is published every three weeks, 17 issues per year. Rates are: *N. America:* \$495 per year, \$895 for two years. *Europe:* £375 per year, £645 for two years. *Elsewhere:* \$595 per year, \$1,095 for two years. Additional copies in the same envelope: \$175 per year in North America, \$225 elsewhere. Canadian GST registration number: R140496720. Back issues are available.

Microprocessor Report reviews and analyzes industry news based on information obtained from sources generally available to the public and from industry contacts. Although we consider these sources to be reliable, we cannot guarantee their accuracy. Readers assume full responsibility for any use made of the information contained herein.

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Published by

MICRODESIGN

President: Michael Slater

Director of Operations: Donna Schaffer

Business Office

874 Gravenstein Hwy. So., Suite 14
Sebastopol, CA 95472

Phone: 707.824.4004 **Fax:** 707.823.0504

E-mail: cs@mdr.zd.com

Subscriptions: 707.824.4001

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