## At A Glance

**AT&T Sampling Low-Power "Hobbit" Processor** ......**1** AT&T has been quietly marketing an enhanced version of its

"CRISP" microprocessor for pen-based applications. Among its unusual architectural features are a memory-to-memory architecture, a stack cache, and a predecoded instruction cache.

The Intel System Management Mode ...... 16

System Management Mode in Am386 Microprocessors ....... 17

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 James L. Turley E-mail: jturley@mdr.zd.com

Editorial Assistant: Suzanne Gifford

**Editorial Board** 

Dennis Allison Brian Case Mike Feibus Dean McCarron Martin Reynolds Nick Tredennick John H. Wharton Rich Belgard Jeff Deutsch Bruce Koball Bernard L. Peuto John Snell John F. Wakerly 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.

Throughout this newsletter, trademark names are used. Rather than place a trademark symbol at every occurrence, we hereby state that we are using the names only in an editorial fashion with no intention of infringement of the trademark.

> Published by MICRODESIGN Resources

**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

Copyright ©1995, MicroDesign Resources. All rights reserved. No part of this newsletter may be reproduced, stored in a retrieval system, or transmitted in any form or by any means without prior written permission.

Winner, Computer Press Award, 1993,1994 Printed on recycled paper with soy ink.