

At A Glance

Cyrix Challenges 486DX with Cx486DLC	1
While using a 386DX pinout and an external coprocessor, Cyrix's 486DLC offers serious competition for Intel's 486DX and 486SX.	
Limits to Integration	3
Transistor budgets are no longer the limiting factor for integrating more functions on a chip—the biggest problems may be figuring out what functions to implement that won't narrow the market too much.	
Most Significant Bits	4
Intel samples 3.3-V 386SL; Vadem joins integrated processor market; Intel/AMD arbitration ruling confirmed; C&T files counterclaims against Intel; PowerPC on track, names revealed; Siemens unveils enhanced microcontrollers; EFAR enters chip-set market.	
Intel Ships OverDrive Processors	7
Intel's OverDrive processors are end-user upgrade versions of the 486DX2. A future P5-based OverDrive processor will require a socket with more pins than today's OverDrive chips.	
C-Cube Unveils Low-Cost MPEG Decoder	8
C-Cube Microsystems has begun shipping the first low-cost decoder chip for MPEG compressed video. Its target market is CD-I and other consumer electronics applications.	
Apple Backs Binary Translation Tool for PowerPC	12
Apple is working with an AT&T spinoff, Echo Logic, to provide a 68000-to-PowerPC binary translator for Macintosh applications.	
System Management Mode Explained	14
All vendors of 386-architecture processors now offer a system management mode, and while each offers similar features, there are significant differences in the implementations.	
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The Futurebus+ specification offers an assortment of profiles to meet varying application needs.	
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