

# BUILD OR BUY PC NEWS

---

---

Volume I Issue No. 8

B&B008PC.SAM

July 12, 1995

---

## —PCI bus and Features

---

*Jointly developed by Intel and other industry leaders, PCI is designed for current and next-generation PCs.*

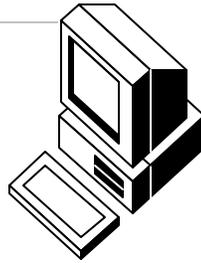
PCI picks up where today's bus architecture leaves off, providing greater system performance via a wider data path and increased expandability.

- w The 82430FX PCIset Product Brief presents the features of the "Triton" chipset.
- w The 82430FX PCIset Product Overview provides a brief technical overview of the 82437FX Triton System Controller, the 82438FX Triton Data Path (TDP), and the 82371FB PCI ISA IDE Xcelerator (PIIX) chips.

---

## The 82430FX PCIset enables the full potential of Pentium® processor-based PC's

- w The 82430FX PCIset architecture enables new levels of performance
- w Optimized architecture includes features such as pipelining, data buffering and smart refresh
- w Supports new memory technologies such as EDO DRAMs and pipelined burst SRAMs
- w Supports 75/90/100 MHz Pentium processors and future proliferations
- w Optimized for Pentium processor and multimedia applications
- w Greater than 100 MB/s PCI data streaming enables Native Signal Processing (NSP) on Pentium processors
- w Integrated 22 MB/s bus master IDE controller
- w Integrated Plug and Play port



**Copyright (C) 1995 Intel Corporation Trademark information**

*Additional information about the PCI bus can be obtained by calling Intel at 1-800-433-5177.*

---

## AMD Announces World's Fastest 486 Device—120-MHz

*Advanced Micro Devices announces the availability of enhanced members of its Am486® microprocessor family, including a 120-MHz version, the industry's highest performance 486 device.*

Personal computers powered by AMD's 120-MHz 486 microprocessor offer performance equivalent to or greater than similarly configured 75-MHz Pentium systems at a lower overall system cost. AMD's new, enhanced 486 products are optimized for the energy-efficient desktop and portable personal computer market segments.

---

## Enhanced AMD 486 Product Features

The new clock-tripled, Microsoft® Windows® compatible processors feature writeback cache memory and 2-pin, industry-standard System Management Mode (SMM). The enhanced Am486 devices support the Windows 95 operating system. "AMD's high performance Am486s, combined with Windows 95, provide a powerful combination for any user," said Carl Stork, director, Windows Hardware Program, Microsoft Corporation.

Members of AMD's enhanced 486 microprocessor family include the "stop-clock/auto halt" feature that allows all CPU activity to be halted, reducing power consumption by more than 3 watts. These power-saving

Mr. Gill Boyd, Speaker / Journalist { CSN News { Email: 74152.604@compuserve.com

**Powered by Win95! Powered by Win95! Powered by Win95!**

# BUILD OR BUY PC NEWS

---

---

features allow high-speed microprocessors to be accommodated in today's portable systems without excessive battery drain.