

BYTE

JANUARY 1989

A MCGRAW-HILL PUBLICATION

REVIEWS

Mathematica
2 New IBM PS/2 Model 70s
Dolch 80386 Portable
Connection CoProcessor
2 MCA Graphics Boards
QuickBASIC for the Mac

PRODUCT FOCUS



21 Digitizing Tablets

The Annual BYTE Awards



PLUS

The Year Ahead
MIT's X Window System
Understanding The Token Ring

SHORT TAKES

dBASE IV
Extend
2 Tape Backup Units
For the Record



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FEBRUARY 1989

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REVIEWS

Portable ATs from
Zenith and Mitsubishi
MASM, Turbo Assembler,
and OPTASM
Tandy 5000 MC
dBASE IV

PRODUCT FOCUS



6 Great C Compilers

The New Mac SE/30

*Mac II power
with
an SE price*

PLUS

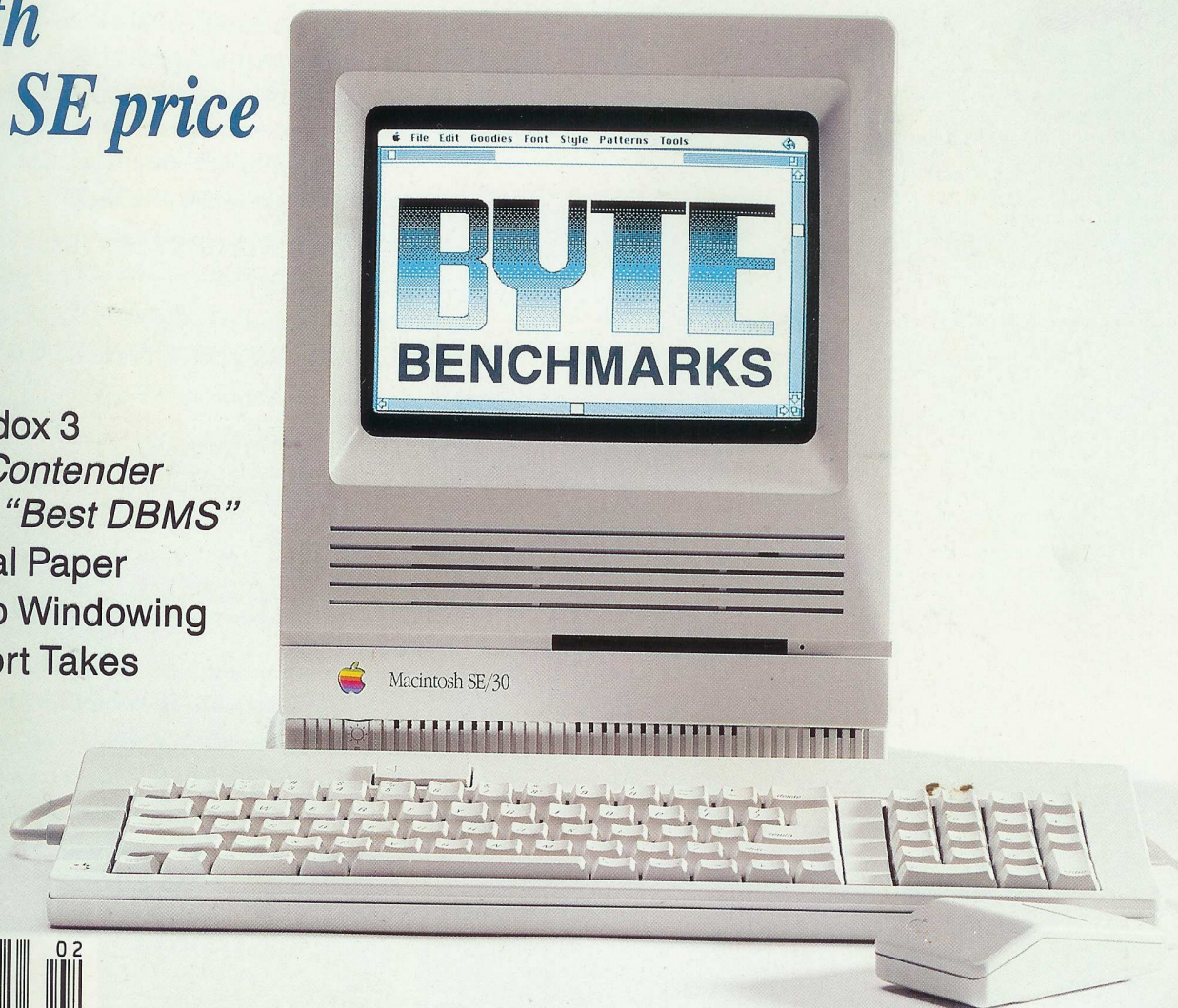
Paradox 3

*A Contender
for "Best DBMS"*

Digital Paper

Turbo Windowing

4 Short Takes



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Inside: **Bonus All-Mac Supplement** (follows page 224)

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MARCH 1989

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REVIEWS

Compaq & Ogiva
Portables
Advanced Floppy Disk
Drive Controllers
Programmers' Text
Editors
Superbase 4

PRODUCT FOCUS



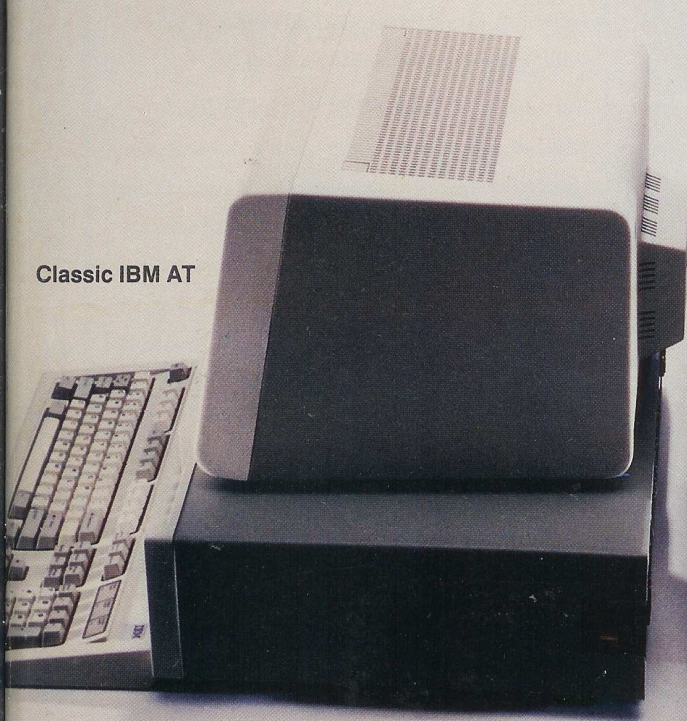
10 Large-Screen
Monitors

286 vs. 386SX

Is the 286 dead?

Do you really need an SX?

Classic IBM AT



Twinhead
Superset



IN DEPTH

Object-Oriented Programming

PLUS

High-Speed Caches
PC-Write 3.0
Turbo EMS



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Inside: Bonus Graphics Supplement (follows page 248)

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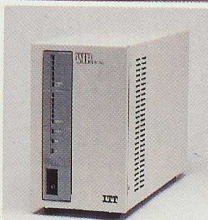
APRIL 1989

A MCGRAW-HILL PUBLICATION

REVIEWS

Wells American
CompuStar 286
2 Color Scanners
Extend
Mac Presentation
Software

PRODUCT FOCUS



BYTE Lab Tests
12 UPSes

33 MHz

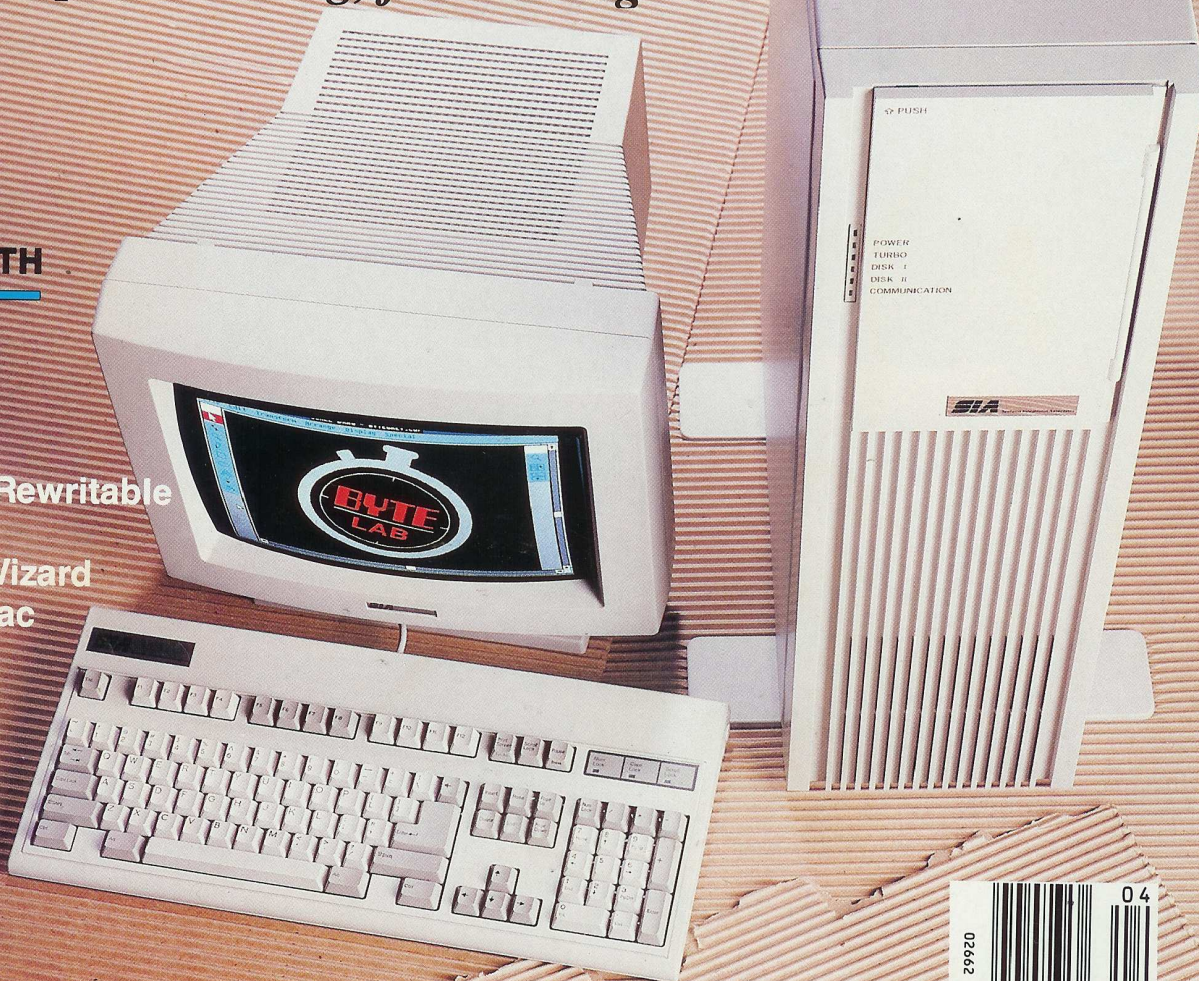
*SIA's new 386/32
33-MHz rated, 32.5-MHz clock,
special cooling, fast caching*

IN DEPTH

CASE

PLUS

Discus Rewritable
TRON
Sharp Wizard
PhotoMac



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Inside: **Special Unix In Depth Section (page 225)**

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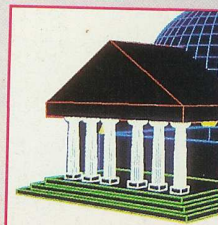
MAY 1989

A MCGRAW-HILL PUBLICATION

REVIEWS

Ami
Pocket Computers:
Wizard and Organiser
TrueScan vs. OmniPage
TopSpeed Modula-2
Logic Gem

PRODUCT FOCUS



Unique tests of
3-D CAD packages

Sun's PC-PRICED WORKSTATIONS

New, affordable Unix alternatives
to the Mac II, PS/2 80, and NeXT computers



PLUS

Technology Breakthroughs
Intel's "Cray-on-a-Chip"
TI's Quantum Transistors
Molecular Computing
Mac IIcx First Impression
MultiBoot
Lotus Magellan
Disk Technician Advanced

02662



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Inside: **Bonus All-Mac Supplement** (follows page 216)

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JUNE 1989

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REVIEWS

Mac SE/30

6 Hi-Res Hand-Held Scanners

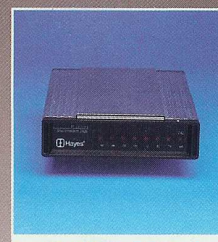
6 16-bit VGA Cards

Tandon and FiveStar 80386s

CASE:W

Clarix CAD

PRODUCT FOCUS



17 High-Speed Modems

The Fastest 386s Ever?

ALR's New 33-MHz, MCA, and SX Machines

The 80486 and 68040 Compared

IN DEPTH

Security

PLUS

Zenith's 33-MHz 80386

Inside PC DOS 4.0

ComputerEyes

Dell 325

NeuroShell

System Sleuth



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JULY 1989

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REVIEWS

IBM PS/2 Model 70-A21

Phar Lap 386|VMM

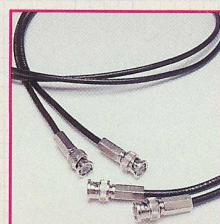
HOOPS

Folio Views

WingZ

A Color PostScript Printer

PRODUCT FOCUS



Head-to-Head
Tests: LAN OSes

THE 12 TOP GUIs

*Your Guide to State-of-the-Art
Graphical User Interfaces*

themelves in Show P 30 V
At Pharmacia with our flag children's m Short Menus Preferences
Thanks to strong public demand for a high-quality multi-screen, 32-bit color display, the past 12 months have seen a significant increase in the number of advantages franchise built over long years of projections.

Page 1 Normal
R2
F1

IN DEPTH

Distributed Processing

Object-Oriented Upgrades:
*Microsoft's Quick Pascal
vs. Borland's
Turbo Pascal 5.5*

2 Brand-New Columns

PLUS

Optical LAN Standards

HP DeskJet Plus

PixelPaint 2.0

HyperPAD

Mitsubishi's Smart Mouse



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AUGUST 1989

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REVIEWS

Magellan vs. ViewLink

Pixelworks'
Ultra Clipper for PS/2s

NEC's UltraLite

3 OS/2 Modula-2s

PRODUCT FOCUS

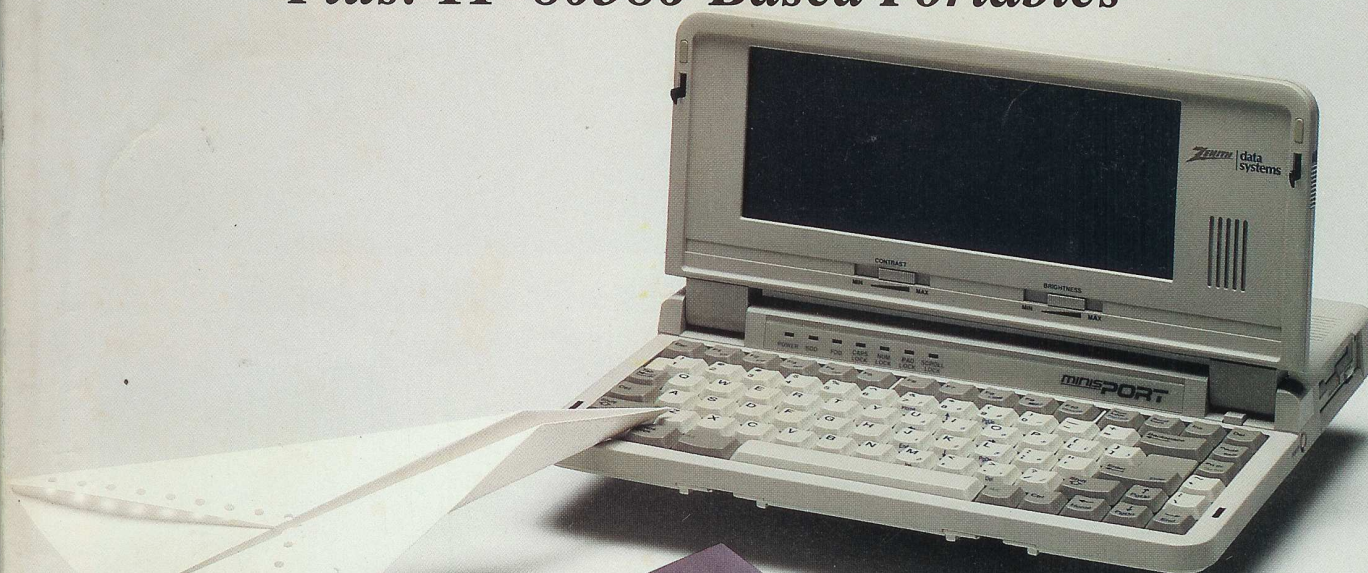


IBM's brand-new P70

80386-Based
Portables

Small Wonders

*MinisPort and Agilis Laptops
Plus: 11 80386-Based Portables*



ZENITH MINISPORT

NEURAL NETWORKS In Depth
Brain-like systems
solve real-world problems

How Disk Optimizers Work

Expert Advice:
A New Unix column

What's Beyond RISC?

Digital Signal Processors
Move to Micros

5 Short Takes



AGILIS SYSTEM



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SETTING THE STANDARDS

15
YEARS

Inside: Bonus LAN Supplement PAGE 211

BYTE

SEPTEMBER 1989

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REVIEWS

ALR MicroFlex 7000

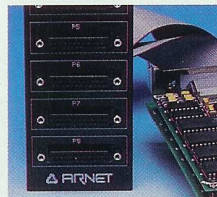
AST Bravo/286

Sysgen's Removable
Hard Disk

HyperPAD

Arriba

PRODUCT FOCUS



Multiuser
Operating Systems

THE WORLD'S FIRST 486

*Fresh from the U.K.
Apricot's VX FT Server Leads the Pack*

Lotus 1-2-3 release 3.0

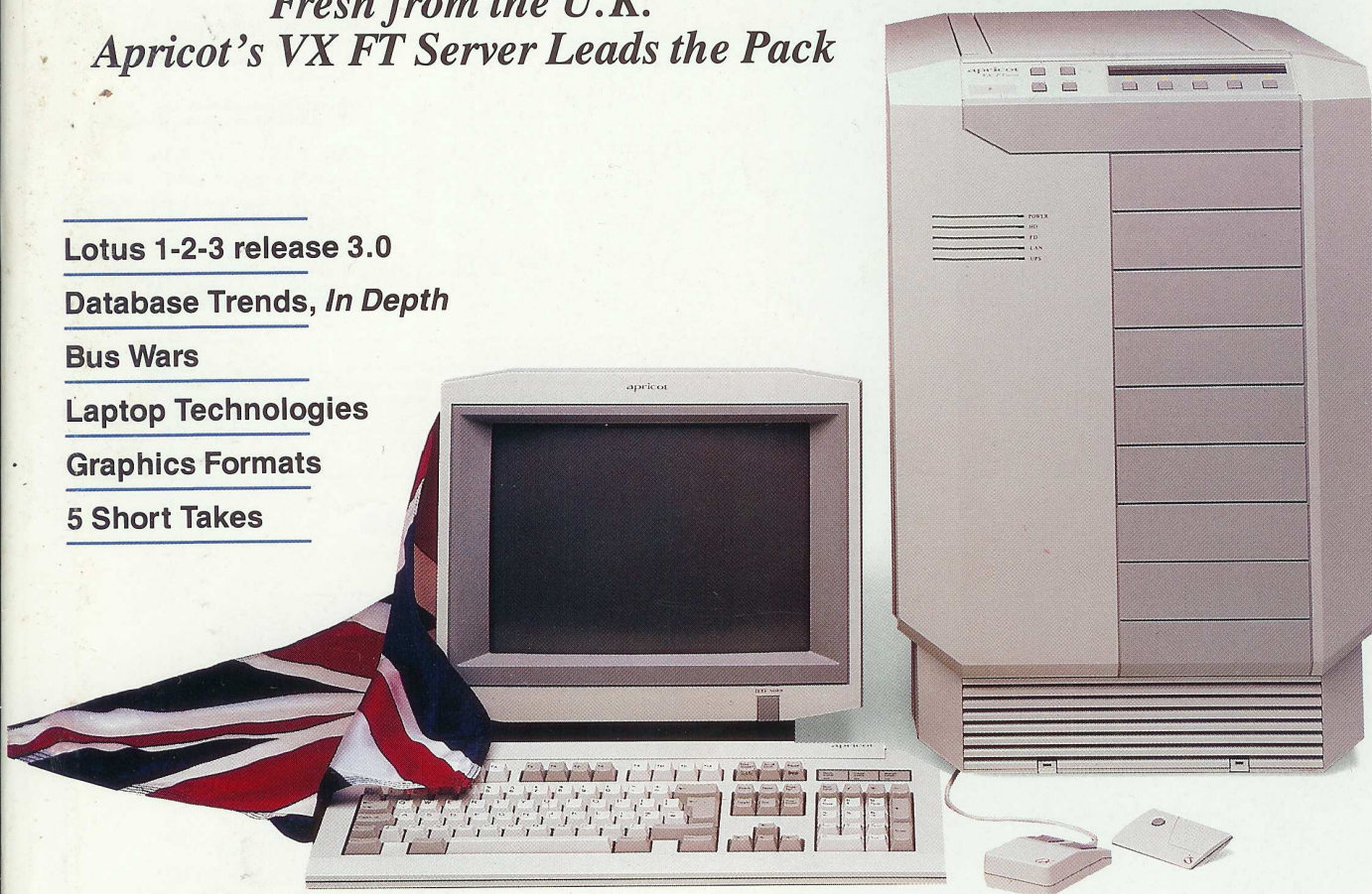
Database Trends, *In Depth*

Bus Wars

Laptop Technologies

Graphics Formats

5 Short Takes



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SETTING THE STANDARDS

15
YEARS

BYTE

OCTOBER 1989

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Apple's new portable

MAC *to go*

Quattro 2

Bill Gates on BASIC

Parallel Processing with Macs

Understanding Disk Caching

Inside AppleTalk and NetBIOS

6 Short Takes

REVIEWS

New IBM and Mitac
SX Systems

ColorQuick Mac Printer

Two Portable Printers

Logitech's MultiScope
Debugger

A new X Window System



Special Reports:

COMPUTING
WITH
LIGHT

OPTICAL
TECHNOLOGIES
PAGE 228

OPTICAL
STORAGE
PAGE 160

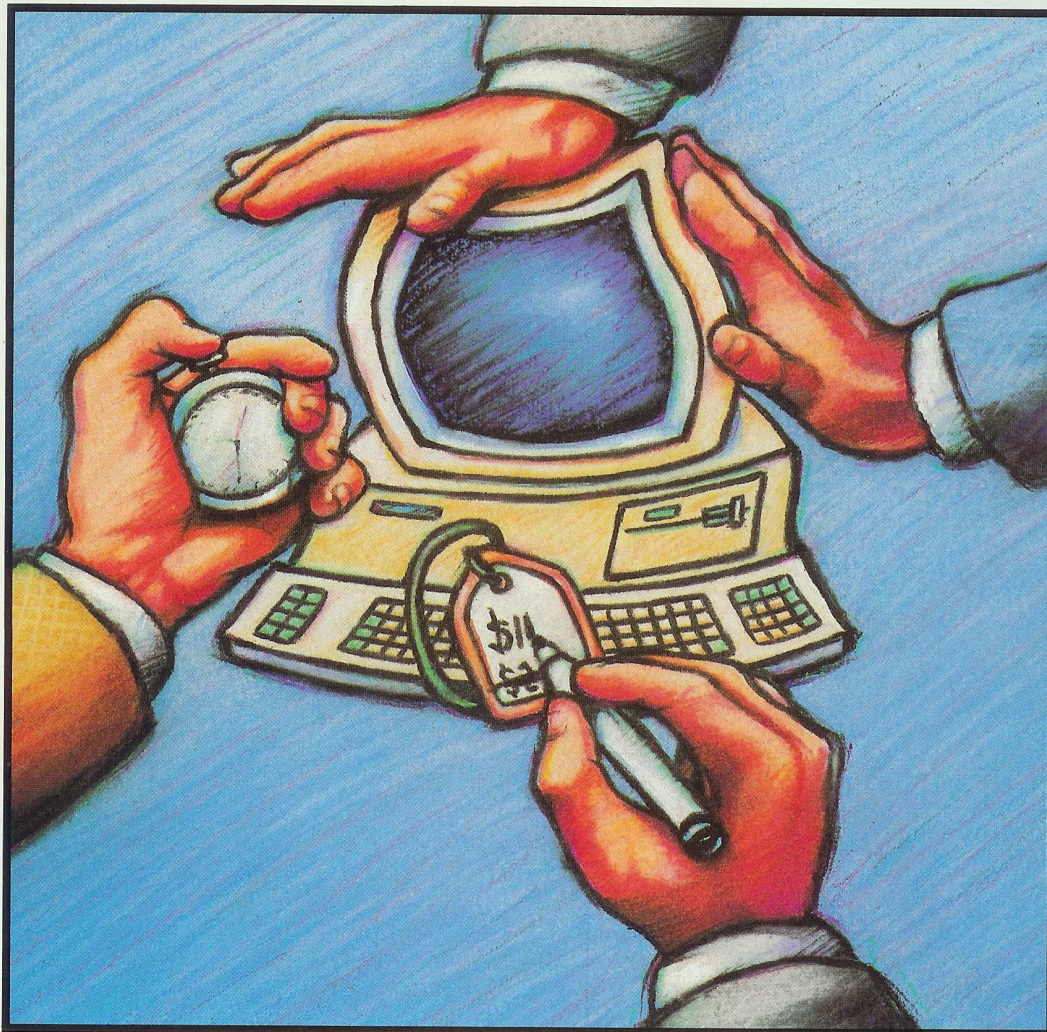


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SETTING THE STANDARDS

15
YEARS

Product Focus: Beyond VGA PAGE 178

BYTE

NOVEMBER 1989

A MCGRAW-HILL PUBLICATION

*Detailed Coverage
of the New 32-bit Bus Standard*

EISA *arrives!*



CHEETAH GOLD 33
PAGE 107

ALR POWERFLEX
PAGE 110

Poqet's DOS-Based
Hand-Held Computer

In Depth: 32 Bits
and Above

Mach Unix

Digital Type

How EISA Works
page 417

HP's EISA-Based
Vectra 486
page 93

REVIEWS

1-2-3 release 3.0

Interleaf TPS

DECstation 3100

Two Diskless
Workstations



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SETTING THE STANDARDS

15
YEARS

In Depth: Sound and Image Processing

PAGE 240

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DECEMBER 1989

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PRODUCT FOCUS:
HANDS-ON TESTS
OF SEVEN
CASE TOOLS

BOLD NEW BREED LAPTOPS

Smaller, faster, lighter... *better!*

The Intel 80860

MIT's Media Lab

Understanding
Protected Mode

Mac System 6.0.1
vs. OS/2 1.1

The Tenth
Anniversary
of the
Spreadsheet:

Bricklin and Frankston
on the Beginnings

Reed on the Future

REVIEWS

Five 32-bit Mac

Graphics Boards

QMS ColorScript 100

Project Scheduler 4

Watcom C 386



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