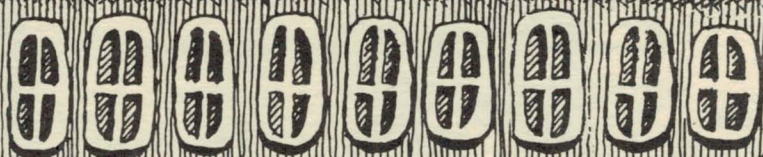


C Issue
Clone Speedup

\$3.00

MICRO CORNUCOPIA

The
Micro Technical Journal



April-May 1986

No. 29

Faster & Cheaper

Upgrading Your XT To A Turbo For (almost) Nothing28

If your PC or clone feels slow, here's a cheap solution.

Importing Systems From Taiwan38

What are the problems you face doing your own importing? What are the benefits? Here are the answers.

Porting A 68000 Assembler To The Atari ST72

Good inside look at the 68000 and the ST.

PC RP/M2, A Designer's View Of a CP/M Emulator94

What are the problems faced by emulator writers and users?

C Extravaganza

C Prototyping6

Prototyping is the most exciting part of the new C standard.

The C Environment12

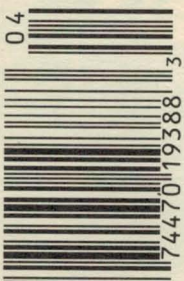
Do the C interpreters really help?

Benchmarking The Speedy PCs In C32

Benchmarking the 6.67MHz clones, Z80s, V20s & the ST with simple C routines.

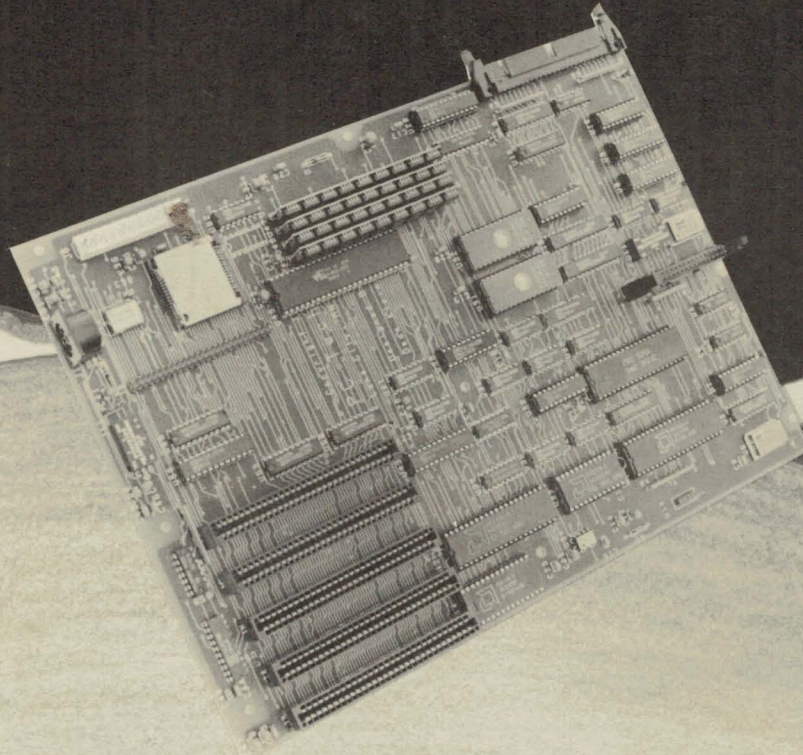
The C Competition18

Following on the heels of the very popular Pascal Runoff.



**NEW
LOWER \$**

the **X-16A** gives you **Out of This World Performance**



PLUS PC COMPATABILITY!

Features:

- 8 MHz 80186 microprocessor with true 16-bit data bus.
- True PC compatibility with our own custom ROM BIOS and PC cardslots for the video of your choice.
- Standard 512K zero wait DRAM, 640K or 1M options.
- 8087 numeric coprocessor port.
- On-board floppy disk controller for up to four 5 1/4" drives.
- On-board SCSI hard disk controller port.

NEW

Kits

**NEW LOWER
PRICES**

- Not So Bare Board\$ 250.00
- Quick Kit\$ 625.00
- Full Kit.....\$ 750.00
- Assembled and Tested\$ 850.00
- 128K Add-On.....\$ 80.00
- 1/2 MEG Add-On\$ 200.00
- XT Style, Flip Top Enclosure\$ 85.00
- 150 Watt Power Supply\$ 135.00
- 5 1/4" 48 TPI DS
1/2 Height Floppy Disk Drive\$ 125.00
- 8087-2 Coprocessor Board\$ Call

NEW

Total Solutions:

Assembled and Tested Systems

- Mono-Chrome System\$1,865.00
Includes: 640K, Power Supply,
Enclosure, Keyboard, Monitor,
Two Drives, and Printer Port.
- Color SystemCall
- Quantity Discounts Upon Request
- Call For Info on Add-Ons, Hard Disks, Etc.

Designed, Manufactured and Serviced by:

PCTECH

P.O. Box 128
904 North 6th Street
Lake City, MN 55041
(612) 345-4555

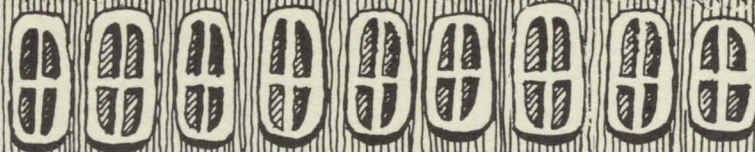
COD, VISA, MASTER CARD, CERTIFIED FUNDS

Pascal Winners

\$3.00

MICRO CORNUCOPIA

The
Micro Technical Journal



Feb-March 1986

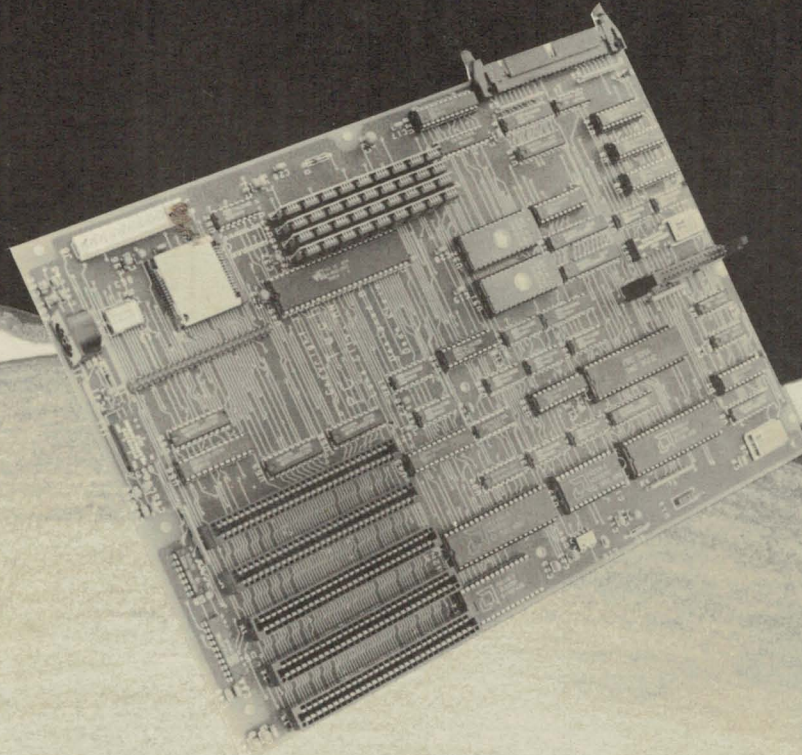
No. 28

Hot Potpourri

- This Winter's Amiga**6
A software developer's first impressions of his Amiga.
- PC Main Lines — A System Primer**8
Want to know what's going on inside the PC and XT? Here's a circuit by circuit overview.
- Comdex (The Tale Of One Large City)**21
Nothing dramatically new, but many upgraded, cheaper versions of the old.
- Home Care For The Invalid Computer (Part 2)**34
We've dealt with shake and bake so it's time for chips and dips.
- Pascal Runoff — The Winners' Circle**50
What did 103 people write in Turbo Pascal? And who were the best?
- Rescuing Lost Text From Memory**52
A disk error doesn't have to spell disaster, especially when what you want still resides in memory.
- Drawing A Planter In 3-D**53
The best Kaypro 84 graphics we've seen (this one could grow on you).
- Turbo Pascal Inline Code From A .PRN File**64
No more hand assembly for CP/M Turbo.

**NEW
LOWER \$**

the **X-16A** gives you **Out of This World Performance**



PLUS PC COMPATABILITY!

Features:

- 8 MHz 80186 microprocessor with true 16-bit data bus.
- True PC compatibility with our own custom ROM BIOS and PC cardslots for the video of your choice.
- Standard 512K zero wait DRAM, 640K or 1M options.
- 8087 numeric coprocessor port.
- On-board floppy disk controller for up to four 5 1/4" drives.
- On-board SCSI hard disk controller port.

NEW

Kits

**NEW LOWER
PRICES**

- Not So Bare Board\$ 250.00
- Quick Kit\$ 625.00
- Full Kit.....\$ 750.00
- Assembled and Tested\$ 850.00
- 128K Add-On.....\$ 80.00
- 1/2 MEG Add-On\$ 200.00
- XT Style, Flip Top Enclosure\$ 85.00
- 150 Watt Power Supply\$ 135.00
- 5 1/4" 48 TPI DS
1/2 Height Floppy Disk Drive\$ 125.00
- 8087-2 Coprocessor Board\$ Call

NEW

Total Solutions:

Assembled and Tested Systems

- Mono-Chrome System\$1,865.00
Includes: 640K, Power Supply,
Enclosure, Keyboard, Monitor,
Two Drives, and Printer Port.
- Color SystemCall
- Quantity Discounts Upon Request
- Call For Info on Add-Ons, Hard Disks, Etc.

Designed, Manufactured and Serviced by:

PCTECH

P.O. Box 128
904 North 6th Street
Lake City, MN 55041
(612) 345-4555

COD, VISA, MASTER CARD, CERTIFIED FUNDS