## **Speed, Power, Price. Borland's Turbo Pascal Family.**

The industry standard. With more than 250,000 users worldwide Turbo Pascal is the industry's de facto standard. Turbo Pascal is praised by more engineers, hobbyists, students and professional programmers than any other development environment in the history of microcomputing. And yet, Turbo Pascal is simple and fun to use!

> Jeff Duntemann, PC Magazine: "Language deal of the century . . . Turbo Pascal: It introduces a new programming environment and runs like magic."

Dave Garland, Popular Computing: "Most Pascal compilers barely fit on a disk, but Turbo Pascal packs an editor, compiler, linker, and run-time library into just 29K bytes of random-access memory."

Jerry Pournelle, BYTE: "What I think the computer industry is headed for: well documented, standard, plenty of good features, and a reasonable price."

Portability. Turbo Pascal is available today for most computers running PC DOS, MS DOS, CP/M 80 or CP/M 86. A XENIX verison of Turbo Pascal will soon be announced, and before the end of the year, Turbo Pascal will be running on most 68000 based microcomputers.

## High resolution monochrome graphics for the IBM PC and the Zenith 100 computers

Dazzling graphics and painless windows. The Turbo Graphix Toolbox will give even a beginning programmer the expert's edge. It's a complete library of Pascal procedures that include:

-Full graphics window management.

Tools that will allow you to draw and hatch pie charts, bar charts, circles, rectangles and a full range of geometric shapes. -Procedures that will save and restore graphic images to and from disk.

- -Functions that will allow you to precisely plot curves.
  - -Tools that will allow you to create animation or solve those difficult curve fitting problems. and much, much more .

No sweat and no royalties. You may incorporate part, or all of these tools in your programs, and yet, we won't charge you any royalties. Best of all, these functions and procedures come complete with commented source code on disk ready to compile!

## Searching and sorting made simple

The perfect complement to Turbo Pascal. It contains: Turbo-Access, a powerful implementation of the state-of-the-art B+tree ISAM technique: Turbo-Sort, a super efficient implementation of the fastest data sorting algorithm, "Quicksort on disk". And much more,

TOOLBOX

Jerry Pournelle, BYTE: "The tools include a B+tree search and a sorting system; I've seen stuff like this, but not as well thought out, sell for hundreds of dollars."

Carefully Describe your Computer System!

The disk size | use is: □5<sup>1/4</sup>" □8" □3<sup>1/2</sup>"

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From Start to Finish in 300 pages. Turbo Tutor is for everyone, from novice to expert. Even if you've never programmed before, Turbo Tutor will get you started right away. If you already have some experience with Pascal or another programming language, Turbo Tutor will take you step by step through topics like data structures and pointers. If you're an expert, you'll love the sections detailing subjects such as "how to use assembly language routines with your Turbo Pascal programs."

> A must. You'll find the source code for all the examples in the book on the accompanying disk ready to compile. Turbo Tutor might be the only reference on Pascal and programming you'll ever need.

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